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CALIFORNIA STATISTICAL ABSTRACT

1989

STATE OF CALIFORNIA
GEORGE DEUKMEJIAN
GOVERNOR

SACRAMENTO, CALIFORNIA

PREFACE

This is the 30th edition of the *California Statistical Abstract*, a compilation of data on social, economic and physical aspects of the State. The volume is a cooperative effort of various government agencies, coordinated and issued annually by the California Department of Finance, Financial and Economic Research Unit.

The contributor for each table is given at the bottom of the table and may be contacted for more details or an explanation of the data. The Department of Finance welcomes comments on the *Abstract* and ways in which it may be developed into an even more useful compilation of data on the State.

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SECTION A

AREA, GEOGRAPHY AND CLIMATE

This section summarizes State land and water areas, temperature and precipitation. The basic sources are the Federal agencies responsible for surveying and mapping the United States and for recording its weather. Information on Federal and State parks and monuments is reported by various government agencies.

TABLE A-1

LAND AND WATER AREAS OF CALIFORNIA COUNTIES, 1988

County	Water area a/		Land area a/		Total area a/	
	Acres	Square miles	Acres	Square miles	Acres	Square miles
Total	1,356,780	2,120.5	100,206,720	156,573	101,563,500	158,693.2
Alameda	59,150	92.4	469,120	733	528,270	825.4
Alpine	2,310	3.6	462,720	723	465,030	726.6
Amador	5,290	8.3	379,520	593	384,810	601.3
Butte	1,170	1.8	1,064,320	1,663	1,065,490	1,664.8
Calaveras	6,010	9.4	657,280	1,027	663,290	1,036.4
Colusa	1,820	2.8	737,920	1,153	739,740	1,155.8
Contra Costa	40,920	63.9	469,760	734	510,680	797.9
Del Norte	---	---	641,920	1,003	641,920	1,003.0
El Dorado	58,080	90.8	1,096,960	1,714	1,155,040	1,804.8
Fresno	21,860	34.2	3,816,960	5,964	3,838,820	5,998.2
Glenn	1,280	2	842,880	1,317	844,160	1,319.0
Humboldt	16,970	26.5	2,286,720	3,573	2,303,690	3,599.5
Imperial	200,580	313.4	2,741,760	4,284	2,942,340	4,597.4
Inyo	4,400	6.9	6,458,240	10,091	6,462,640	10,097.9
Kern	11,720	18.3	5,217,280	8,152	5,229,000	8,170.3
Kings	25,990	40.6	892,800	1,395	918,790	1,435.6
Lake	45,120	70.5	803,840	1,256	848,960	1,326.5
Lassen	91,700	143.3	2,910,080	4,547	3,001,780	4,690.3
Los Angeles	12,330	19.3	2,598,400	4,060	2,610,730	4,079.3
Madera	2,000	3.1	1,372,160	2,144	1,374,160	2,147.1
Marin	43,500	68	332,800	520	376,300	588.0
Mariposa	3,490	5.5	931,200	1,455	934,690	1,460.5
Mendocino	2,360	3.7	2,244,480	3,507	2,246,840	3,510.4
Merced	16,450	25.7	1,268,480	1,982	1,284,930	2,007.7
Modoc	158,990	248.4	2,618,880	4,092	2,777,870	4,340.4
Mono	48,030	75	1,937,920	3,028	1,985,950	3,103.0
Monterey	70	0.1	2,127,360	3,324	2,127,430	3,324.1
Napa	24,890	38.9	485,120	758	510,010	796.9
Nevada	9,090	14.2	625,920	978	635,010	992.2
Orange	1,960	3.1	500,480	782	502,440	785.1
Placer	52,780	82.5	911,360	1,424	964,140	1,506.5
Plumas	30,980	48.4	1,644,800	2,570	1,675,780	2,618.4
Riverside	42,260	66	4,593,280	7,177	4,635,540	7,243.0
Sacramento	20,660	32.3	629,120	983	649,780	1,015.3
San Benito	710	1.1	893,440	1,396	894,150	1,397.1
San Bernardino	21,120	33	12,883,840	20,131	12,904,960	20,164.0
San Diego	16,360	25.6	2,723,200	4,255	2,739,560	4,280.6
San Francisco	29,500	46.1	28,800	45	58,300	91.1
San Joaquin	17,420	27.2	901,760	1,409	919,180	1,436.2
San Luis Obispo	6,560	10.2	2,122,240	3,316	2,128,800	3,326.2
San Mateo	49,130	76.8	290,560	454	339,690	530.8
Santa Barbara	4,260	6.7	1,752,320	2,738	1,756,580	2,744.7
Santa Clara	8,880	13.9	833,280	1,302	842,160	1,315.9
Santa Cruz	400	0.6	280,960	439	281,360	439.6
Shasta	33,420	52.2	2,430,720	3,798	2,464,140	3,850.2
Sierra	380	1	613,120	958	613,500	959.0
Siskiyou	4,030	6.3	4,039,680	6,312	4,043,710	6,318.3
Solano	28,930	45.2	529,280	827	558,210	872.2
Sonoma	11,900	18.6	1,010,560	1,579	1,022,460	1,597.6
Stanislaus	13,580	21.2	960,000	1,500	973,580	1,521.2
Sutter	---	---	388,480	607	388,480	607.0
Tehama	---	---	1,904,640	2,976	1,904,640	2,976.0
Trinity	20,260	31.6	2,042,240	3,191	2,062,500	3,222.6
Tulare	4,390	6.9	3,096,320	4,838	3,100,710	4,844.9
Tuolumne	11,960	18.7	1,455,360	2,274	1,467,320	2,292.7
Ventura	8,040	12.6	1,184,640	1,851	1,192,680	1,863.6
Yolo	---	---	661,760	1,034	661,760	1,034.0
Yuba	1,340	2.1	407,680	637	409,020	639.1

a/ Components for counties rounded to nearest 10 acres and tenths of square miles. Source: California Regional Framework Study, Base year 1965. Prepared by California Regional Framework Study Committee for Pacific Southwest Inter-Agency Committee Water Resources Council.

Department of Water Resources, Statewide Planning Branch (916) 445-2985

TABLE A-2

NATIONAL PARKS AND OTHER NATIONAL PARK SERVICE AREAS, CALIFORNIA, 1987

	Area, in acres			
	Total	Federal	Non-federal	Wilderness
National Parks				
Kings Canyon	461,901.20	461,845.02	56.18	456,552
Lassen Volcanic	106,372.36	106,366.47	5.89	78,982
Redwood	110,178.03	75,392.15	34,785.88	---
Sequoia	402,482.38	401,877.16	605.22	280,428
Yosemite	761,170.20 a/	759,465.25	1,704.95	677,600
Channel Islands	249,353.77	64,254.62	185,099.15	---
National Monuments				
Cabrillo	143.94	143.94	---	---
Death Valley	2,067,627.68 b/	2,048,928.88	18,698.80	---
Devils Postpile	798.46	798.46	---	---
Joshua Tree	559,954.50	549,634.12	10,320.38	429,690
Lava Beds	46,559.87	46,559.87	---	28,460
Muir Woods	553.55	522.98	30.57	---
Pinnacles	16,265.44	16,254.62	10.82	12,952
National Seashore				
Point Reyes	71,045.77	64,426.97	6,618.80	25,370
National Recreation Areas				
Golden Gate	73,116.84	27,203.31	45,913.53	---
Santa Monica Mountains	150,000.00	11,921.68	138,078.32	---
Wiskeytown-Shasta-Trinity	42,503.46	42,448.23	55.23	---
National Historic Sites				
Fort Point	29.00	29.00	---	---
John Muir	8.90	8.90	---	---
Affiliated Areas				
Eugene O'Neill National Historic Site	13.19	13.19	---	---

a/ Does not include 1,397.99 acres comprising El Portal administrative site, adjacent to the park.
b/ Also in Nevada
Source: National Park Service Summary of Acreages as of December 31, 1987.

National Park Service
Public Affairs Office
(415) 556-4122

TABLE A-3

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1988

Name	County	Acres
Total		1,280,782.80
Admiral William Standley SRA	Mendocino	45.22
Ahjumawi Lava Springs SP	Shasta	6,370.58
Alamitos SB	Orange	0.90
Anderson Marsh Project	Lake	872.01
Andrew Molera SP	Monterey	4,748.98
Angel Island SP	Marin-San Francisco	755.71
Annadel SP	Sonoma	4,915.91
Ano Nuevo SR	San Mateo	4,088.87
Antelope Valley California Poppy Reserve	Kern-Los Angeles	1,706.22
Anza-Borrego Desert SP	Riverside-San Diego-Imperial	559,451.14
Armstrong Redwoods SR	Sonoma	752.00
Asilomar SB	Monterey	105.44
Atascadero SB	San Luis Obispo	125.18
Auburn SRA	Placer-El Dorado	42,000.00
Austin Creek SRA	Sonoma	4,233.99
Azalea SR	Humboldt	30.00
Backbone Trail/Santa Monica Mountains	Los Angeles	1,296.02
Bale Grist Mill SHP	Napa	0.75
Beach Accesses (Malibu)	Los Angeles	0.43
Bean Hollow SB	San Mateo	44.00
Benbow Lake SRA	Humboldt	975.37
Benicia Capitol SHP	Solano	0.86
Benicia SRA	Solano	455.18
Bethany Reservoir SRA	Alameda	609.23
Bidwell Mansion SHP	Butte	5.20
Bidwell River Park	Butte	180.00
Big Basin Redwoods SP	Santa Cruz-San Mateo	17,035.43
Bodie SHP	Mono	486.70
Bolsa Chica SB	Orange	169.75
Border Field SP	San Diego	396.88
Bothe-Napa Valley SP	Napa-Sonoma	1,923.22
Brannan Island SRA	Sacramento	225.00
Bufano Peace Status	Sonoma	0.25
Burleigh Murray Ranch	San Mateo	1,325.45
Burton Creek SP	Placer	1,882.83
Butano SP	San Mateo	2,186.49
Calaveras Big Trees SP	Calaveras-Tuolumne	5,995.50
California Citrus SHP	Riverside	173.04
Candlestick Point SRA	San Francisco	153.28
Cardiff SB	San Diego	22.61
Carlsbad SB	San Diego	24.88
Carmel River SB	Monterey	296.69
Carnegie SVRA	San Joaquin-Alameda	1,539.82
Carpinteria SB	Santa Barbara	53.06
Caspar Headlands SB	Mendocino	2.95
Caspar Headlands SR	Mendocino	2.70
Castaic Lake SRA	Los Angeles	3,101.95
Castle Crags SP	Shasta-Siskiyou	4,381.61
Castle Rock SP	Santa Cruz-Santa Clara	3,515.60
Caswell Memorial SP	San Joaquin	258.13
Cayucos SB	San Luis Obispo	15.63
China Camp SP	Marin	1,514.30
Chino Hills SP	Orange-Riverside-San Bernardino	10,194.44
Chumash Painted Caves SHP	Santa Barbara	7.50
Clay Pit SVRA	Butte	220.14
Clear Lake SP	Lake	565.57
Colonel Allensworth SHP	Tulare	234.84
Columbia SHP	Tuolumne	278.34
Colusa-Sacramento River SRA	Colusa	66.50
Corona del Mar SB	Orange	29.57
Crystal Cove SP	Orange	4,035.13
Cuyamaca Rancho SP	San Diego	24,698.75
D. L. Bliss SP	El Dorado	1,236.93
Dan Blocker Beach	Los Angeles	13.12
Del Norte Coast Redwoods SP	Del Norte	6,375.02
Delta Meadows	Sacramento	133.90
Dockweiler SB	Los Angeles	90.88
Doheny SB	Orange	254.59
Donner Memorial SP	Nevada-Placer	351.48
Drum Barracks	Los Angeles	0.44
Durham Ferry SRA	San Joaquin	183.39
East Bay Shoreline Project	Alameda	33.00
El Capitan SB	Santa Barbara	132.84
El Presidio de Santa Barbara SHP	Santa Barbara	4.33
El Pueblo de Los Angeles SHP	Los Angeles	5.42
Emerald Bay SP	El Dorado	593.19
Emma Wood SB	Ventura	113.15
Empire Mine SHP	Nevada	800.61
Folsom Lake SRA	El Dorado-Placer-Sacramento	17,808.98
Forest of Nisene Marks SP, The	Santa Cruz	10,120.90
Fort Humboldt SHP	Humboldt	17.83
Fort Ross SHP	Sonoma	1,208.27
Fort Tejon SHP	Kern	205.50
Franks Tract SRA	Contra Costa	3,531.83
Fremont Ford SRA	Merced	114.00
Fremont Peak SP	Monterey-San Benito	244.23
Garcia Property	Santa Cruz	143.52
Garrapata Beach	Monterey	2,810.18
Gaviota SP	Santa Barbara	2,757.17
Gazos Creek Access	San Mateo	5.94
George J. Hatfield SRA	Merced	46.50
Governor's Mansion	Sacramento	0.77
Gray Whale Cove SB	San Mateo	3.10
Greenwood Creek	Mendocino	47.22
Grizzly Creek Redwoods SP	Humboldt	393.45
Grover Hot Springs SP	Alpine	538.54
Half Moon Bay SB	San Mateo	380.65
Harry A. Merlo SRA	Humboldt	830.00
Hearst San Simeon SHM	San Luis Obispo	161.16
Hendy Woods SP	Mendocino	816.26
Henry Cowell Redwoods SP	Santa Cruz	4,120.45
Henry W. Coe SP	Santa Clara-Stanislaus	67,692.02

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1988

Name	County	Acres
Hollister Hills SVRA	San Benito	3,245.51
Humboldt Lagoons SP	Humboldt	1,503.58
Humboldt Redwoods SP	Humboldt	50,604.59
Hungry Valley SVRA	Los Angeles-Ventura	17,451.73
Huntington SB	Orange	128.95
Indian Grinding Rock SHP	Amador	135.79
Indio Hills Palm	Riverside	2,206.01
Irvine Finch Memorial Bridge Access	Glenn	4.92
Jack London SHP	Sonoma	974.24
Jedediah Smith Redwoods SP	Del Norte	9,793.03
John Little SR	Monterey	21.00
John Marsh Home	Contra Costa	16.45
Jug Handle SR	Mendocino	772.16
Julia Pfeiffer Burns SP	Monterey	3,562.16
Kenneth Hahn SRA	Los Angeles	309.72
Kings Beach SRA	Placer	7.74
Kruse Rhododendron SR	Sonoma	317.00
Lake del Valle SRA	Alameda	3,731.86
Lake Earl/Lake Talawa Project	Del Norte	5,018.09
Lake Elsinore SRA	Riverside	2,975.78
Lake Oroville SRA	Butte	28,753.27
Lake Perris SRA	Riverside	5,239.98
Lake Valley SRA	El Dorado	150.00
La Purisima Mission SHP	Santa Barbara	966.82
Las Tunas SB	Los Angeles	3.24
Leo Carrillo SB	Los Angeles-Ventura	2,261.74
Leucadia SB	San Diego	10.60
Lighthouse Field SB	Santa Cruz	37.60
Little River SB	Humboldt	111.63
Los Angeles State and County Arboretum	Los Angeles	111.00
Los Banos Creek	Merced	2,475.00
Los Encinos SHP	Los Angeles	4.73
Los Osos Oaks SR	San Luis Obispo	85.10
Lux Arboretum	Los Angeles	126.57
MacKerricher SP	Mendocino	2,175.42
Mailliard Redwoods SR	Mendocino	242.00
Malakoff Diggins SHP	Nevada	2,884.79
Malibu Canyon Trail	Los Angeles	971.23
Malibu Creek SP	Los Angeles	5,395.07
Malibu Lagoon SB	Los Angeles	169.66
Manchester SB	Mendocino	5,268.97
Mandalay SB	Ventura	92.12
Manhattan SB	Los Angeles	50.66
Manresa SB	Santa Cruz	138.24
Marina Beach	Monterey	170.71
Marshall Gold Discovery SHP	El Dorado	274.76
McArthur Burney Falls Memorial SP	Shasta	761.11
McConnell SRA	Merced	74.26
McGrath SB	Ventura	312.39
Mendocino Headlands SP	Mendocino	379.16
Mendocino Woodlands Outdoor Ctr.	Mendocino	720.00
Millerton Lake SRA	Fresno-Madera	6,553.75
Mono Lake Tufa SR	Mono	17,000.00
Montana de Oro SP	San Luis Obispo	8,066.64
Montara SB	San Mateo	787.14
Monterey SB	Monterey	35.03
Monterey SHP	Monterey	7.58
Montgomery Woods SR	Mendocino	1,323.80
Moonlight SB	San Diego	12.70
Morro Bay SP	San Luis Obispo	1,964.69
Morro Strand SB	San Luis Obispo	33.81
Moss Landing SB	Monterey	60.35
Mount Diablo SP	Contra Costa	17,336.84
Mount San Jacinto SP	Riverside	13,714.17
Mount Tamalpais SP	Marin	6,220.20
Natural Bridges SB	Santa Cruz	58.88
New Brighton SB	Santa Cruz	90.49
Ocotillo Wells SVRA	San Diego	21,107.76
Old Sacramento SHP	Sacramento	291.08
Old Town San Diego SHP	San Diego	26.85
Olompali SHP	Marin	700.00
Oxnard SB	Ventura	25.60
Pacifica Beach Project	San Mateo	20.73
Palomar Mountain SP	San Diego	1,897.38
Pan Pacific Park Project	Los Angeles	28.29
Patrick's Point SP	Humboldt	634.75
Paul M. Dimmick WC	Mendocino	11.81
Pelican SB	Del Norte	5.15
Pescadero SB	San Mateo	637.89
Petaluma Adobe SHP	Sonoma	41.43
Pfeiffer Big Sur SP	Monterey	842.95
Picacho SRA	Imperial	6,758.69
Pigeon Point Hostel	San Mateo	10.70
Pio Pico SHP	Los Angeles	3.42
Pismo Dunes SVRA	San Luis Obispo	3,029.13
Pismo SB	San Luis Obispo	1,057.14
Placerita Canyon SP	Los Angeles	341.72
Plumas-Eureka SP	Plumas	4,423.30
Point Dume SB	Los Angeles	62.98
Point Lobos SR	Monterey	1,355.12
Point Montara Hostel	San Mateo	6.00
Point Mugu SP	Ventura	13,846.10
Point Sal SB	Santa Barbara	84.03
Point Sur Light Station	Monterey	33.58
Pomponio SB	San Mateo	420.68
Portola SP	San Mateo	2,294.32
Prairie Creek Redwoods SP	Del Norte-Humboldt	13,971.90
Providence Mountains SRA	San Bernardino	5,890.46
Railtown 1897 SHP	Tuolomne	23.90
Redondo SB	Los Angeles	26.05
Red Rock Canyon SP	Kern	6,103.77
Refugio SB	Santa Barbara	151.52
Reynolds WC	Mendocino	65.80
Richardson Grove SP	Humboldt	1,454.16
Rincon Point	Santa Barbara-Ventura	3.35
Robert H. Meyer Memorial SB	Los Angeles	37.01
Robert Louis Stevenson SP	Napa-Lake-Sonom	3,710.92
Robert W. Crown Memorial SB	Alameda	132.22
Royal Palms SB	Los Angeles	18.07
Russian Gulch SP	Mendocino	1,306.23

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1988

Name	County	Acres
Saddleback Butte SP	Los Angeles	3,341.13
Salinas River SB	Monterey	245.94
Salton Sea SRA	Riverside-Imperial	16,493.67
Salt Point SP	Sonoma	5,676.18
Samuel P. Taylor SP	Marin	2,708.59
San Bruno Mountains SP	San Mateo	297.60
San Buenaventura SB	Ventura	113.51
San Clemente SB	Orange	117.93
San Elijo SB	San Diego	42.21
San Gregorio SB	San Mateo	171.60
San Juan Bautista SHP	San Benito	6.12
San Luis Island Project	Merced	2,712.00
San Luis Reservoir SRA	Merced	23,551.00
San Mateo County Trail	San Mateo	2.38
San Onofre SB	San Diego	2,106.79
San Pasqual Battlefield SHP	San Diego	58.40
San Simeon SB	San Luis Obispo	542.13
Santa Cruz County Trail	Santa Cruz-Santa Clara	220.35
Santa Cruz Mission SHP	Santa Cruz	1.94
Santa Monica SB	Los Angeles	49.15
Santa Susana Mountains Project	Los Angeles	428.19
Schooner Gulch Project	Mendocino	53.62
Seacliff SB	Santa Cruz	85.14
Seccombe Lake SURA	San Bernardino	42.98
Shasta SHP	Shasta	20.61
Silver Strand SB	San Diego	339.39
Silverwood Lake SRA	San Bernardino	2,201.00
Sinkyone Wildnerness SP	Mendocino-Humboldt	6,932.02
Smithe Redwoods SR	Mendocino	628.03
Sonoma Coast SB	Sonoma	5,052.87
Sonoma SHP	Sonoma	63.57
South Carlsbad SB	San Diego	123.71
South Yuba River Project	Nevada	1,772.15
Standish-Hickey SRA	Mendocino	1,023.88
Stanford House SHP	Sacramento	0.88
State Indian Museum	Sacramento	Included in Sutter's Fort
Stillwater Cove Project	Sonoma	36.27
Stone Lake Project	Sacramento	1,089.52
Sugarloaf Ridge SP	Napa-Sonoma	2,692.34
Sugar Pine Point SP	El Dorado	2,011.37
Sunset SB	Santa Cruz	301.86
Sutter's Fort SHP	Sacramento	5.80
Tahoe SRA	Placer	54.84
Thornton SB	San Mateo	58.01
Tomales Bay SP	Marin	2,044.28
Topanga SB	Los Angeles	31.21
Topanga SP	Los Angeles	8,964.02
Torrey Pines SB	San Diego	41.23
Torrey Pines SR	San Diego	1,525.24
Trinidad SB	Humboldt	158.70
Tule Elk SR	Kern	945.66
Turlock Lake SRA	Stanislaus	408.80
Twin Lakes SB	Santa Cruz	94.58
Van Damme SP	Mendocino	2,169.29
Verdugo Mountain Project		251.41
Ward Creek Project	Placer	173.00
Washoe Meadows SP	El Dorado	627.73
Wassama Round House SHP	Madera	26.61
Watts Towers of Simon Rodia SHP	Los Angeles	0.11
Weaverville Joss House SHP	Trinity	3.23
Westport Union Landing SB	Mendocino	40.95
Wilder Ranch SP	Santa Cruz	4,511.34
Will Rogers SB	Los Angeles	86.20
Will Rogers SHP	Los Angeles	189.12
William B. Ide Adobe SHP	Tehama	3.95
William Randolph Hearst Memorial SB	San Luis Obispo	8.14
Windemere Point Project	Sonoma	20.56
Woodland Opera House	Yolo	0.26
Woodson Bridge SRA	Tehama	323.47
Zmudowski SB	Monterey	194.41

SB: State Beach.
SP: State Park.
SR: State Reserve.
SHM: State Historical Monument.
SHP: State Historic Park.
SRA: State Recreation Area.
SURA: State Urban Recreation Area.
SVRA: State Vehicular Recreation Area.
WC: Wayside Campground.

Department of Parks and Recreation
Acquisition Division
(916) 445-9343

TABLE A-4

CLIMATOLOGICAL DATA FOR REPRESENTATIVE STATIONS IN CALIFORNIA, 1988

Station	Latitude	Longitude	Feet above mean sea level	Annual precipitation (in inches)		Freeze data: date of		Frost free period (days)
				Normal a/	1988	Last spring freeze b/	First fall freeze b/	
Alturas Ranger Station	41o 30'	120o 33'	4400	12.45	11.83	June 29	September 13	76
Bakersfield WSO AP c/	35o 25'	119o 03'	475	5.72	4.52	---	December 27	360
Bishop WSO AP c/	37o 22'	118o 22'	4108	5.61	3.52	May 8	November 11	187
Blue Canyon WSMO d/	39o 17'	120o 42'	5280	67.87	47.20	May 6	November 14	192
Eureka WSO CI e/	40o 48'	124o 10'	43	38.51	31.60	---	---	366
Fresno WSO AP c/	36o 46'	119o 43'	328	10.52	9.39	February 4	December 27	327
Imperial	32o 51'	115o 34'	-64	2.40	1.32	---	---	366
Los Angeles Civic Center	34o 03'	118o 14'	257	14.85	11.63	---	---	366
Redding WSO AP c/	40o 30'	122o 18'	502	40.95	30.83	February 5	December 17	316
Sacramento FAA AP f/	38o 31'	121o 30'	18	17.10	12.04	---	December 26	359
San Diego WSO AP c/	32o 44'	117o 10'	13	9.32	10.26	---	---	366
San Francisco: Mission Dolores	37o 46'	122o 26'	75	19.33	17.06	---	---	366
Paso Robles	35o 38'	120o 41'	700	14.20	10.98	March 11	November 20	254
Susanville Airport	40o 22'	120o 34'	4146	14.29	10.08	May 5	November 7	186

a/ Based on 30-year period, 1951-80, inclusive. b/ Refers to minimum temperature reading of 28o F, or less, for day specified. c/ Weather Service Office, Airport. d/ Weather Service Meteorological Observatory.
e/ Weather Service Office, City. f/ Federal Aviation Administration, Airport.
Source: U.S. Department of Commerce, National Environmental Satellite Data and Information Service, Climatological Data, California, Volume 89, Nos. 1-13, 1988; U.S. Department of Commerce, Environmental Data and Information Service Climatography of the United States, No. 81, California, Sept. 1982.

TABLE A-5

AVERAGE MAXIMUM, MINIMUM, AND ANNUAL TEMPERATURES, REPRESENTATIVE STATIONS IN CALIFORNIA, 1988

(In degrees Fahrenheit)

Station	Normal a/					1988				
	January		July			January		July		
	Maximum	Minimum	Maximum	Minimum	Annual	Maximum	Minimum	Maximum	Minimum	Annual
Alturas Ranger Station	41.7	16.0	88.2	43.5	46.6	38.7	11.9	92.5	47.2	61.6
Bakersfield WSO AP b/	57.4	38.9	98.8	70.1	65.6	58.6	36.9	101.7	70.5	65.5
Bishop WSO AP b/	52.9	21.4	97.5	56.3	56.0	51.6	21.9	100.7	57.7	56.5
Blue Canyon WSMO c/	43.5	30.7	77.7	58.9	50.4	42.7	33.3	80.8	64.0	e/
Eureka WSO CI d/	53.4	41.3	60.3	51.9	52.0	57.0	43.7	64.5	53.0	53.9
Fresno WSO AP b/	54.2	36.8	97.9	64.1	62.5	55.4	36.6	101.6	69.4	64.2
Imperial	69.3	41.6	106.6	77.6	73.1	69.6	41.4	105.6	77.5	73.8
Los Angeles Civic Center	66.6	47.7	83.8	64.3	65.3	67.9	48.7	82.9	65.7	66.1
Redding WSO AP b/	55.7	37.3	99.5	67.4	63.8	54.4	36.5	103.4	69.9	63.7
Sacramento FAA AP f/	52.6	37.9	93.3	57.9	60.6	56.0	40.0	99.1	61.6	62.8
San Diego WSO AP b/	65.2	48.4	75.6	64.9	63.8	65.7	47.6	75.0	65.7	63.6
San Francisco: Mission Dolores	56.1	46.2	64.0	53.1	56.7	58.6	47.0	73.0	55.4	59.3
Paso Robles	61.2	32.9	93.9	50.1	59.1	59.8	34.4	95.1	54.5	60.1
Susanville Airport	40.3	19.9	89.9	49.1	48.8	35.7	15.9	93.0	55.2	50.0

a/ Based on 30-year period, 1951-80. b/ Weather Service Office, Airport. c/ Weather Service Meteorological Observatory.
d/ Weather Service Office, City. e/ Insufficient data. f/ Federal Aviation Administration.
Source: U.S. Department of Commerce, Climatography of the United States, No. 81, California, September 1982; U.S. Depart Commerce, Climatological Data, California, Volume 91, Nos. 1-13, 1988.

Source agency for Tables A-4 and A-5:
Department of Water Resources
Division of Flood Management
(916) 445-5800

SECTION B

POPULATION

The tables in this section summarize available data on the population of the State of California, its counties and cities. Comparisons of California's population with the totals for the Nation are also shown.

All figures on the total population of California for 1940 through 1980 are from publications of the United States Bureau of the Census. All estimates of the civilian population and estimates of the total population for the years after 1980 were prepared by the Department of Finance and are based on the analysis of components of population change. Data used in the preparation of these estimates have been obtained from the Vital Statistics Section, Department of Health; Department of Education; the Immigration and Naturalization Service; and United States Department of Defense; the Department of Motor Vehicles; and the United States Bureau of the Census.

TABLE B-1

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 1988

	United States			California			Calif.,
	Total	Annual change		Total	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,457,000	---	---	6,950,000	---	---	5.2
1941	133,669,000	1,212,000	0.9	7,237,000	287,000	4.1	5.4
1942	134,617,000	948,000	0.7	7,735,000	498,000	6.9	5.7
1943	135,107,000	490,000	0.4	8,506,000	771,000	10.0	6.3
1944	133,915,000	-1,192,000	-0.9	8,945,000	439,000	5.2	6.7
1945	133,434,000	-481,000	-0.4	9,344,000	399,000	4.5	7.0
1946	140,686,000	7,252,000	5.4	9,559,000	215,000	2.3	6.8
1947	144,083,000	3,397,000	2.4	9,832,000	273,000	2.9	6.8
1948	146,730,000	2,647,000	1.8	10,064,000	232,000	2.4	6.9
1949	149,304,000	2,574,000	1.8	10,337,000	273,000	2.7	6.9
1950	151,868,000	2,564,000	1.7	10,643,000	306,000	3.0	7.0
1951	153,982,000	2,114,000	1.4	11,130,000	487,000	4.6	7.2
1952	156,393,000	2,411,000	1.6	11,638,000	508,000	4.6	7.4
1953	158,956,000	2,563,000	1.6	12,101,000	463,000	4.0	7.6
1954	161,884,000	2,928,000	1.8	12,517,000	416,000	3.4	7.7
1955	165,069,000	3,185,000	2.0	13,004,000	487,000	3.9	7.9
1956	168,088,000	3,019,000	1.8	13,581,000	577,000	4.4	8.1
1957	171,187,000	3,099,000	1.8	14,177,000	596,000	4.4	8.3
1958	174,149,000	2,962,000	1.7	14,741,000	564,000	4.0	8.5
1959	177,135,000	2,986,000	1.7	15,288,000	547,000	3.7	8.6
1960	179,979,000	2,844,000	1.6	15,863,000	575,000	3.8	8.8
1961	182,992,000	3,013,000	1.7	16,412,000	549,000	3.5	9.0
1962	185,771,000	2,779,000	1.5	16,951,000	539,000	3.3	9.1
1963	188,483,000	2,712,000	1.5	17,530,000	579,000	3.4	9.3
1964	191,141,000	2,658,000	1.4	18,026,000	496,000	2.8	9.4
1965	193,526,000	2,385,000	1.2	18,464,000	438,000	2.4	9.5
1966	195,576,000	2,050,000	1.1	18,831,000	367,000	2.0	9.6
1967	197,457,000	1,881,000	1.0	19,175,000	344,000	1.8	9.7
1968	199,399,000	1,942,000	1.0	19,432,000	257,000	1.3	9.7
1969	201,385,000	1,986,000	1.0	19,745,000	313,000	1.6	9.8
1970	203,984,000	2,599,000	1.3	20,039,000	294,000	1.5	9.8
1971	206,827,000	2,843,000	1.4	20,346,000	307,000	1.5	9.8
1972	209,284,000	2,457,000	1.2	20,585,000	239,000	1.2	9.8
1973	211,357,000	2,073,000	1.0	20,869,000	284,000	1.4	9.9
1974	213,342,000	1,985,000	0.9	21,174,000	305,000	1.5	9.9
1975	215,465,000	2,123,000	1.0	21,538,000	364,000	1.7	10.0
1976	217,563,000	2,098,000	1.0	21,936,000	398,000	1.8	10.1
1977	219,760,000	2,197,000	1.0	22,352,000	415,000	1.9	10.2
1978	222,095,000	2,335,000	1.1	22,836,000	484,000	2.2	10.3
1979	224,567,000	2,472,000	1.1	23,257,000	421,000	1.8	10.4
1980	227,255,000	2,688,000	1.2	23,780,000	523,000	2.2	10.5
1981	229,637,000	2,382,000	1.0	24,267,000	487,000	2.1	10.6
1982	231,996,000	2,359,000	1.0	24,786,000	519,000	2.1	10.7
1983	234,284,000	2,288,000	1.0	25,309,000	523,000	2.1	10.8
1984	236,477,000	2,193,000	0.9	25,780,000	471,000	1.9	10.9
1985	238,736,000	2,259,000	1.0	26,358,000	578,000	2.2	11.0
1986	241,107,000	2,371,000	1.0	27,001,000	643,000	2.4	11.2
1987	243,419,000	2,312,000	1.0	27,653,000	652,000	2.4	11.4
1988	245,807,000	2,388,000	1.0	28,314,000	661,000	2.4	11.5

TABLE B-1 (Continued)

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 1988

	United States			California			Calif.,
	Civilian	Annual change		Civilian	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,129,000	---	---	6,899,000	---	---	5.2
1941	132,086,000	-43,000	0.0	7,049,000	150,000	2.2	5.3
1942	131,444,000	-642,000	-0.5	7,297,000	248,000	3.5	5.6
1943	128,010,000	-3,434,000	-2.6	7,570,000	273,000	3.7	5.9
1944	127,227,000	-783,000	-0.6	8,083,000	513,000	6.8	6.4
1945	128,112,000	885,000	0.7	8,523,000	440,000	5.4	6.7
1946	138,932,000	10,820,000	8.5	9,298,000	775,000	9.1	6.7
1947	143,138,000	3,206,000	2.3	9,672,000	374,000	4.0	6.8
1948	145,746,000	2,608,000	1.8	9,895,000	223,000	2.3	6.8
1949	148,157,000	2,411,000	1.7	10,161,000	266,000	2.7	6.9
1950	150,790,000	2,633,000	1.8	10,472,000	311,000	3.1	6.9
1951	151,599,000	809,000	0.5	10,754,000	282,000	2.7	7.1
1952	153,892,000	2,293,000	1.5	11,194,000	440,000	4.1	7.3
1953	156,595,000	2,703,000	1.8	11,681,000	487,000	4.4	7.5
1954	159,695,000	3,100,000	2.0	12,177,000	496,000	4.3	7.6
1955	162,967,000	3,272,000	2.0	12,668,000	491,000	4.0	7.8
1956	166,055,000	3,088,000	1.9	13,247,000	579,000	4.6	8.0
1957	169,110,000	3,055,000	1.8	13,848,000	601,000	4.5	8.2
1958	172,226,000	3,116,000	1.8	14,410,000	562,000	4.1	8.4
1959	175,277,000	3,051,000	1.8	14,964,000	554,000	3.8	8.5
1960	178,140,000	2,863,000	1.6	15,550,000	586,000	3.9	8.7
1961	181,143,000	3,003,000	1.7	16,108,000	558,000	3.6	8.9
1962	183,677,000	2,534,000	1.4	16,634,000	526,000	3.3	9.1
1963	186,493,000	2,816,000	1.5	17,197,000	563,000	3.4	9.2
1964	189,141,000	2,648,000	1.4	17,706,000	509,000	3.0	9.4
1965	191,605,000	2,464,000	1.3	18,143,000	437,000	2.5	9.5
1966	193,420,000	1,815,000	0.9	18,459,000	316,000	1.7	9.5
1967	195,264,000	1,844,000	1.0	18,796,000	337,000	1.8	9.6
1968	197,113,000	1,849,000	0.9	19,046,000	250,000	1.3	9.7
1969	199,145,000	2,032,000	1.0	19,354,000	308,000	1.6	9.7
1970	201,895,000	2,750,000	1.4	19,663,000	309,000	1.6	9.7
1971	204,866,000	2,971,000	1.5	20,002,000	339,000	1.7	9.8
1972	207,511,000	2,645,000	1.3	20,264,000	262,000	1.3	9.8
1973	209,600,000	2,089,000	1.0	20,558,000	294,000	1.4	9.8
1974	211,636,000	2,036,000	1.0	20,874,000	316,000	1.5	9.9
1975	213,788,000	2,152,000	1.0	21,249,000	375,000	1.8	9.9
1976	215,894,000	2,106,000	1.0	21,653,000	404,000	1.9	10.0
1977	218,106,000	2,212,000	1.0	22,075,000	422,000	1.9	10.1
1978	220,467,000	2,361,000	1.1	22,566,000	491,000	2.2	10.2
1979	222,969,000	2,502,000	1.1	22,991,000	425,000	1.9	10.3
1980	225,651,000	2,682,000	1.2	23,509,000	518,000	2.3	10.4
1981	227,989,000	2,338,000	1.0	23,993,000	484,000	2.1	10.5
1982	230,327,000	2,338,000	1.0	24,498,000	505,000	2.1	10.6
1983	232,589,000	2,262,000	1.0	25,022,000	524,000	2.1	10.8
1984	234,762,000	2,191,000	0.9	25,482,000	460,000	1.8	10.8
1985	237,031,000	2,269,000	1.0	26,055,000	573,000	2.2	11.0
1986	239,386,000	2,355,000	1.0	26,695,000	640,000	2.5	11.2
1987	241,680,000	2,294,000	1.0	27,343,000	648,000	2.4	11.3
1988	244,125,000	2,445,000	1.0	28,012,000	669,000	2.4	11.5

a/ Includes Alaska and Hawaii. b/ Includes members of the Armed Forces stationed in the area.
Source: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, and Department of Finance estimates.

TABLE B-2

COMPONENTS OF CHANGE IN CALIFORNIA'S CIVILIAN POPULATION AS OF JULY 1, 1970 TO 1988

(In thousands)

Year	Civilian population	Net change from preceeding year	Births	Deaths	Natural increase	Net migration a/	Net transfer between civilian and military status
1970	19,663						
1971	20,002	339	352	169	183	130	26
1972	20,264	262	313	169	144	98	20
1973	20,558	294	303	173	130	162	2
1974	20,874	316	301	170	131	182	3
1975	21,249	375	316	171	145	228	2
1976	21,653	404	323	170	153	248	3
1977	22,075	422	342	168	174	248	0
1978	22,566	491	350	173	177	314	0
1979	22,991	425	368	177	191	234	0
1980	23,509	518	390	180	210	308	0
1981	23,993	484	413	189	224	260	0
1982	24,498	505	425	186	239	266	0
1983	25,022	524	435	188	247	277	0
1984	25,482	460	437	191	246	214	0
1985	26,055	573	457	202	255	318	0
1986	26,695	640	481	200	281	359	0
1987	27,343	648	493	206	287	361	0
1988	28,012	669	504	215	289	380	0

a/ 1971-1980 may be biased upwards by about 66,000 persons per year due to improved census techniques. For further information contact Demographic Research.

Department of Finance
Demographic Research Unit
(916) 322-4651

TABLE B-3

TOTAL POPULATION OF CALIFORNIA COUNTIES AS OF JULY 1

County	1970	1980	1983	1984	1985	1986	1987	1988
California	20,039,000	23,780,100	25,308,900	25,779,900	26,358,000	27,001,000	27,652,900	28,314,500
Alameda	1,073,000	1,109,400	1,157,400	1,173,100	1,191,000	1,209,800	1,223,000	1,242,400
Alpine	500	1,100	1,100	1,100	1,200	1,200	1,200	1,200
Amador	11,900	19,500	21,400	22,200	23,100	24,000	25,300	28,000
Butte	102,500	144,800	155,400	158,200	162,300	165,300	169,100	174,600
Calaveras	13,700	21,000	24,500	25,500	26,500	27,900	29,700	31,200
Colusa	12,400	12,900	14,000	14,000	14,600	14,800	14,800	15,300
Contra Costa	557,500	658,700	691,600	700,400	713,900	729,600	745,500	764,300
Del Norte	14,600	18,300	18,600	18,400	18,600	19,000	19,400	20,000
El Dorado	44,100	86,700	96,100	99,000	103,700	108,400	114,000	120,900
Fresno	413,800	516,900	550,900	564,900	574,800	582,900	595,900	611,700
Glenn	17,500	21,500	22,700	22,600	22,800	22,900	23,000	23,200
Humboldt	100,200	108,900	110,200	111,000	111,600	112,600	113,800	115,600
Imperial	74,400	92,700	100,100	101,700	104,600	106,900	109,500	112,700
Inyo	15,600	17,900	18,500	18,200	18,100	17,900	17,900	18,000
Kern	331,100	406,400	450,400	463,800	479,500	492,600	505,000	518,300
Kings	66,700	74,200	80,800	82,600	84,700	85,500	87,600	94,100
Lake	19,800	36,900	43,000	45,500	47,700	48,800	50,300	51,400
Lassen	16,900	21,900	23,700	24,100	24,300	24,900	26,200	27,100
Los Angeles	7,055,800	7,498,200	7,902,000	8,018,300	8,158,700	8,339,700	8,490,200	8,604,300
Madera	41,700	63,900	71,700	73,700	76,000	78,100	80,000	82,500
Marin	207,000	223,000	225,400	224,800	224,600	226,600	227,900	229,900
Mariposa	6,100	11,200	12,300	12,800	13,300	13,700	14,100	14,500
Mendocino	51,300	67,000	70,600	71,500	73,000	74,100	75,100	76,100
Merced	105,000	135,600	148,800	153,200	158,400	161,100	165,700	171,200
Modoc	7,500	8,700	9,400	9,600	9,400	9,300	9,200	9,200
Mono	4,100	8,700	9,400	9,000	9,100	9,100	9,300	9,500
Monterey	247,800	292,300	316,700	324,700	331,100	337,700	342,900	348,100
Napa	79,400	99,300	101,900	102,200	103,300	104,400	105,100	106,300
Nevada	26,500	52,600	62,200	64,600	67,500	70,500	73,800	77,200
Orange	1,431,900	1,942,900	2,062,600	2,088,500	2,128,600	2,174,600	2,218,300	2,261,100
Placer	78,000	118,300	129,000	133,100	137,500	142,800	149,000	156,400
Plumas	11,700	17,400	18,300	18,500	19,100	19,300	19,600	20,000
Riverside	461,600	668,700	742,700	776,700	816,100	860,700	915,400	977,400
Sacramento	636,700	787,900	851,100	867,400	887,800	914,100	946,000	975,300
San Benito	18,400	25,200	27,700	28,800	30,200	31,700	33,000	34,500
San Bernardino	685,300	902,900	1,002,600	1,035,400	1,080,300	1,136,300	1,205,700	1,284,900
San Diego	1,367,200	1,874,500	2,015,100	2,070,900	2,128,100	2,205,300	2,285,900	2,370,100
San Francisco	713,200	680,900	705,000	714,000	728,800	739,500	738,700	733,300
San Joaquin	292,100	350,100	384,500	396,900	413,600	429,400	443,600	456,600
San Luis Obispo	106,600	156,800	173,100	179,700	188,000	195,300	202,200	207,300
San Mateo	557,100	587,900	602,400	608,400	613,900	615,600	621,500	628,500
Santa Barbara	265,800	299,700	318,300	323,400	331,100	336,600	341,200	343,100
Santa Clara	1,072,600	1,299,700	1,359,600	1,376,900	1,395,500	1,402,100	1,414,100	1,430,400
Santa Cruz	124,500	189,200	202,400	206,400	212,100	217,100	221,900	226,400
Shasta	78,000	116,700	123,900	126,700	130,200	132,400	135,800	139,600
Sierra	2,400	3,100	3,400	3,400	3,400	3,400	3,400	3,600
Siskiyou	33,200	40,000	41,700	42,000	42,400	42,300	42,600	43,300
Solano	172,500	237,400	262,900	267,300	275,400	287,200	299,700	313,100
Sonoma	206,500	301,400	321,000	325,800	333,900	343,900	354,300	365,800
Stanislaus	195,800	267,900	290,200	296,000	305,800	314,800	327,600	340,200
Sutter	42,100	52,600	57,100	57,100	58,200	59,000	60,400	61,700
Tehama	29,600	39,100	42,000	42,900	43,900	44,500	45,600	46,700
Trinity	7,600	12,000	12,800	13,200	13,400	13,500	13,500	14,000
Tulare	189,400	247,400	267,100	273,200	279,800	285,700	291,600	297,500
Tuolumne	22,300	34,200	37,700	38,600	40,500	42,400	44,700	46,300
Ventura	381,400	532,300	573,100	585,500	598,400	612,800	628,900	646,700
Yolo	92,700	113,900	118,700	119,800	123,000	125,200	128,800	135,000
Yuba	44,400	49,800	52,100	52,700	53,600	54,200	55,400	56,800

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TABLE B-4

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1988 AND 1989 a/

County and city	1988	1989
California	27,996,000	28,662,000
ALAMEDA	1,235,600	1,252,400
Alameda	75,800	77,200
Albany	15,600	16,500
Berkeley	106,300	106,400
Dublin	21,950	23,550
Emeryville	4,900	5,025
Fremont	164,400	169,000
Hayward	102,900	104,500
Livermore	56,200	56,800
Newark	39,200	39,250
Oakland	356,100	356,300
Piedmont	10,400	10,450
Pleasanton	48,250	52,000
San Leandro	66,700	67,500
Union City	49,900	49,900
Unincorporated	117,100	118,000
ALPINE	1,190	1,190
Unincorporated	1,190	1,190
AMADOR	27,200	29,150
Amador	170	180
Ione	4,540	5,600
Jackson	3,450	3,700
Plymouth	880	910
Sutter Creek	2,100	2,120
Unincorporated	16,050	16,650
BUTTE	171,900	176,700
Biggs	1,460	1,480
Chico	34,700	36,450
Gridley	4,250	4,260
Oroville	10,300	10,550
Paradise	25,600	26,250
Unincorporated	95,500	97,700
CALAVERAS	30,450	32,400
Angels	2,550	2,580
Unincorporated	27,900	29,800
COLUSA	15,050	15,500
Colusa	4,900	5,050
Williams	1,800	1,870
Unincorporated	8,350	8,550
CONTRA COSTA	755,200	775,500
Antioch	54,400	57,600
Brentwood	6,425	6,825
Clayton	6,750	6,825
Concord	109,400	110,100
Danville	29,000	30,000
El Cerrito	23,200	23,450
Hercules	12,650	14,550
Lafayette	22,650	22,850
Martinez	29,950	30,700
Moraga	15,900	16,150
Orinda	17,400	17,550
Pinole	15,300	15,900
Pittsburg	43,200	43,750
Pleasant Hill	30,800	31,750
Richmond	81,000	82,000
San Pablo	21,550	21,700
San Ramon	30,500	33,800
Walnut Creek	62,300	62,600
Unincorporated	142,900	147,400
DEL NORTE	19,700	20,400
Crescent City	3,430	3,420
Unincorporated	16,300	16,950
EL DORADO	117,400	124,100
Placerville	7,975	8,100
South Lake Tahoe	21,950	22,050
Unincorporated	87,500	93,900
FRESNO	604,100	621,200
Clovis	44,850	46,750
Coalinga	7,850	8,225
Firebaugh	3,980	4,050
Fowler	3,060	3,080
Fresno	307,400	317,800
Huron	3,710	3,780
Kerman	4,500	4,850
Kingsburg	6,400	6,800
Mendota	6,850	6,925
Orange Cove	4,640	4,720
Parlier	7,800	8,050
Reedley	14,100	14,850
Sanger	15,100	15,550
San Joaquin	2,060	2,100
Selma	14,000	14,300
Unincorporated	157,900	159,400
GLENN	23,150	23,600
Orland	4,660	4,720
Willows	5,275	5,300
Unincorporated	13,250	13,550
HUMBOLDT	114,800	116,800
Arcata	14,650	15,050
Blue Lake	1,300	1,300
Eureka	24,800	25,150
Ferndale	1,440	1,450
Fortuna	8,650	8,900
Rio Dell	2,910	2,900
Trinidad	410	420
Unincorporated	60,600	61,700
IMPERIAL	111,200	115,700
Brawley	18,700	19,650
Calexico	19,000	19,550
Calipatria	2,780	3,030
El Centro	29,850	31,650
Holtville	4,980	5,100
Imperial	4,300	4,720
Westmorland	1,890	1,990
Unincorporated	29,750	30,000
INYO	17,950	18,200
Bishop	3,640	3,680
Unincorporated	14,350	14,500

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1988 AND 1989 a/

County and city	1988	1989	County and city	1988	1989
KERN	511,400	526,600	Huntington Park	50,600	51,200
Arvin	8,550	8,750	Industry	360	370
Bakersfield	157,400	161,800	Inglewood	102,100	102,300
California City	3,620	4,150	Irwindale	1,070	1,230
Delano	20,050	21,150	La Canada Flintridge	20,800	20,800
Maricopa	1,240	1,240	La Habra Heights	5,350	5,450
McFarland	6,400	6,550	Lakewood	76,900	76,500
Ridgecrest	26,850	28,650	La Mirada	42,600	42,600
Shafter	7,625	7,650	Lancaster	74,500	82,200
Taft	6,175	6,225	La Puente	33,600	33,550
Tehachapi	5,175	5,325	La Verne	30,000	30,500
Wasco	11,150	11,400	Lawndale	27,200	27,300
Unincorporated	257,100	263,800	Lomita	20,300	20,300
			Long Beach	414,600	419,800
KINGS	91,400	96,000	Los Angeles	3,367,800	3,400,500
Avenal	8,300	9,075	Lynwood	53,700	53,700
Corcoran	7,725	11,050	Manhattan Beach	35,250	35,150
Hanford	26,100	29,400	Maywood	24,550	24,650
Lemoore	13,050	13,350	Monrovia	33,850	34,000
Unincorporated	36,200	33,150	Montebello	56,900	58,200
			Monterey Park	63,800	64,600
LAKE	50,900	52,100	Norwalk	90,100	90,800
Clearlake	10,600	10,800	Palmdale	39,100	45,850
Lakeport	4,380	4,480	Palos Verdes Estates	15,050	15,000
Unincorporated	35,850	36,850	Paramount	42,650	44,450
			Pasadena	131,600	132,200
LASSEN	26,250	28,800	Pico Rivera	55,900	57,300
Susanville	6,950	7,075	Pomona	118,800	119,900
Unincorporated	19,300	21,750	Rancho Palos Verdes	46,200	46,000
			Redondo Beach	64,900	64,700
LOS ANGELES	8,551,500	8,650,300	Rolling Hills	2,100	2,090
Agoura Hills	19,100	19,400	Rolling Hills Estates	7,925	7,875
Alhambra	73,400	74,900	Rosemead	47,350	47,700
Arcadia	49,250	49,100	San Dimas	31,650	32,500
Artesia	14,850	14,950	San Fernando	20,300	20,700
Avalon	2,490	2,490	San Gabriel	34,300	34,900
Azusa	37,450	38,250	San Marino	13,900	13,800
Baldwin Park	63,000	63,300	Santa Clarita	109,300	115,700
Bell	27,950	28,250	Santa Fe Springs	15,450	16,400
Bellflower	60,000	60,900	Santa Monica	97,000	96,500
Bell Gardens	38,300	38,300	Sierra Madre	11,200	11,250
Beverly Hills	34,700	34,300	Signal Hill	8,050	8,150
Bradbury	920	930	South El Monte	18,400	18,700
Burbank	93,400	93,800	South Gate	79,100	79,200
Carson	88,500	88,800	South Pasadena	24,300	24,500
Cerritos	58,300	58,400	Temple City	32,200	31,900
Claremont	36,250	36,550	Torrance	141,300	142,200
Commerce	11,400	11,700	Vernon	80	80
Compton	92,900	93,000	Walnut	24,750	26,400
Covina	43,200	43,250	West Covina	94,100	94,200
Cudahy	20,400	20,700	West Hollywood	38,350	38,400
Culver City	41,050	40,950	Westlake Village	7,625	8,025
Downey	86,700	86,800	Whittier	73,400	74,100
Duarte	21,100	21,350	Unincorporated	994,600	1,006,400
El Monte	94,000	95,400			
El Segundo	15,750	15,750	MADERA	81,300	83,800
Gardena	50,800	50,900	Chowchilla	5,925	5,950
Glendale	161,600	166,100	Madera	27,150	27,300
Glendora	47,350	47,400	Unincorporated	48,300	50,500
Hawaiian Gardens	12,150	12,350			
Hawthorne	66,700	67,400	MARIN	228,600	231,900
Hermosa Beach	19,750	19,750	Belvedere	2,310	2,320
Hidden Hills	1,980	1,950	Corte Madera	8,525	8,625

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1988 AND 1989 a/

County and city	1988	1989	County and city	1988	1989
Fairfax	7,500	7,500	Unincorporated	64,100	67,000
Larkspur	11,300	11,350			
Mill Valley	13,350	13,400	ORANGE	2,240,100	2,280,400
Novato	46,250	47,500	Anaheim	243,200	244,300
Ross	2,710	2,740	Brea	32,700	33,550
San Anselmo	11,950	12,000	Buena Park	66,200	66,200
San Rafael	45,800	46,450	Costa Mesa	92,000	92,900
Sausalito	7,525	7,575	Cypress	43,350	45,350
Tiburon	8,350	8,350	Fountain Valley	55,700	56,100
Unincorporated	63,000	64,000	Fullerton	110,700	111,700
			Garden Grove	134,400	134,800
MARIPOSA	14,300	14,800	Huntington Beach	187,900	188,700
Unincorporated	14,300	14,800	Irvine	97,900	100,500
			Laguna Beach	24,250	24,550
MENDOCINO	75,600	76,900	La Habra	48,850	49,000
Fort Bragg	5,925	5,975	La Palma	16,100	16,100
Point Arena	440	440	Los Alamitos	12,100	12,150
Ukiah	13,550	14,000	Newport Beach	69,600	69,900
Willits	4,440	4,520	Orange	105,000	106,400
Unincorporated	51,200	52,000	Placentia	41,100	41,650
			San Clemente	37,550	39,100
MERCED	168,600	173,900	San Juan Capistrano	24,400	24,500
Atwater	21,450	21,950	Santa Ana	231,600	237,300
Dos Palos	4,260	4,370	Seal Beach	27,350	27,350
Gustine	3,780	4,040	Stanton	28,300	28,350
Livingston	6,700	7,150	Tustin	45,650	46,800
Los Banos	12,700	13,100	Villa Park	6,900	6,950
Merced	51,300	53,600	Westminster	73,800	73,300
Unincorporated	68,300	69,700	Yorba Linda	46,100	47,900
			Unincorporated	337,300	354,800
MODOC	9,200	9,375			
Alturas	3,020	3,020	PLACER	152,700	160,400
Unincorporated	6,175	6,350	Auburn	8,825	9,400
			Colfax	1,030	1,050
MONO	9,375	9,800	Lincoln	6,250	6,400
Mammoth Lakes	4,610	4,740	Loomis	6,000	6,075
Unincorporated	4,760	5,050	Rocklin	13,950	15,400
			Roseville	34,450	37,900
MONTEREY	345,500	349,300	Unincorporated	82,200	84,100
Carmel-by-the-Sea	4,990	4,990			
Del Rey Oaks	1,570	1,780	PLUMAS	19,800	20,050
Gonzales	3,950	4,040	Portola	2,120	2,160
Greenfield	6,350	6,625	Unincorporated	17,700	17,900
King City	7,400	7,575			
Marina	28,500	30,100	RIVERSIDE	946,700	1,014,800
Monterey	31,100	31,550	Banning	17,900	19,150
Pacific Grove	16,550	16,600	Beaumont	8,550	9,150
Salinas	100,900	101,900	Blythe	8,075	8,150
Sand City	220	220	Cathedral City	26,800	29,050
Seaside	37,700	36,700	Coachella	14,150	14,550
Soledad	6,600	6,650	Corona	52,300	61,000
Unincorporated	99,700	100,600	Desert Hot Springs	10,400	10,650
			Hemet	32,100	33,350
NAPA	105,800	107,600	Indian Wells	2,450	2,590
Calistoga	4,370	4,390	Indio	33,150	34,300
Napa	57,000	57,900	Lake Elsinore	12,800	14,950
St. Helena	5,075	5,100	La Quinta	9,275	10,200
Yountville	3,070	3,060	Moreno Valley	90,800	101,300
Unincorporated	36,300	37,150	Norco	24,650	25,200
			Palm Desert	18,100	19,450
NEVADA	75,500	78,800	Palm Springs	31,600	31,950
Grass Valley	8,525	8,825	Perris	12,400	15,150
Nevada City	2,880	2,930	Rancho Mirage	8,550	8,900

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1988 AND 1989 a/

County and city	1988	1989	County and city	1988	1989
Riverside	206,200	209,700	Escalon	4,040	4,130
San Jacinto	13,200	13,750	Lodi	48,000	49,200
Unincorporated	313,200	342,200	Manteca	37,900	39,650
			Ripon	6,700	7,100
SACRAMENTO	961,300	988,300	Stockton	189,100	192,300
Folsom	23,300	25,650	Tracy	28,450	29,400
Galt	7,450	7,875	Unincorporated	135,700	138,400
Isleton	920	910			
Sacramento	334,500	339,900	SAN LUIS OBISPO	204,400	211,900
Unincorporated	595,100	613,900	Arroyo Grande	13,750	14,050
			Atascadero	22,200	22,700
SAN BENITO	33,750	35,250	El Paso De Robles	15,500	16,400
Hollister	17,300	18,100	Grover City	11,000	11,450
San Juan Bautista	1,550	1,640	Morro Bay	9,975	10,150
Unincorporated	14,900	15,550	Pismo Beach	7,100	7,575
			San Luis Obispo	39,850	41,050
SAN BERNARDINO	1,245,200	1,324,600	Unincorporated	85,100	88,600
Adelanto	4,980	5,850			
Barstow	20,700	21,100	SAN MATEO	625,200	632,800
Big Bear Lake	6,125	6,375	Atherton	8,000	7,950
Chino	55,700	56,800	Belmont	24,950	25,000
Colton	33,450	37,700	Brisbane	3,020	3,050
Fontana	69,900	78,000	Burlingame	27,150	27,250
Grand Terrace	10,000	10,850	Colma	700	710
Highlands	25,900	26,850	Daly City	84,700	85,400
Loma Linda	13,350	13,950	East Palo Alto	18,800	18,850
Montclair	25,450	25,800	Foster City	29,100	29,750
Needles	5,175	5,475	Half Moon Bay	8,325	8,825
Ontario	119,500	124,300	Hillsborough	11,100	11,200
Rancho Cucamonga	95,700	104,700	Menlo Park	27,850	28,200
Redlands	56,600	59,800	Millbrae	20,800	20,850
Rialto	61,400	64,300	Pacifica	37,250	37,850
San Bernardino	148,800	153,700	Portola Valley	4,440	4,530
Twentynine Palms	10,800	11,150	Redwood City	60,300	61,600
Upland	61,300	63,900	San Bruno	35,550	35,550
Victorville	26,950	31,700	San Carlos	26,700	26,950
Unincorporated	393,400	422,400	San Mateo	83,400	85,100
			South San Francisco	52,000	52,400
SAN DIEGO	2,328,300	2,418,200	Woodside	5,625	5,700
Carlsbad	58,800	62,000	Unincorporated	55,400	56,100
Chula Vista	124,200	128,000			
Coronado	23,600	24,600	SANTA BARBARA	342,400	348,400
Del Mar	5,125	5,125	Carpinteria	12,350	12,500
El Cajon	84,600	86,400	Guadalupe	5,400	5,625
Encinitas	51,800	53,100	Lompoc	32,100	32,800
Escondido	93,200	99,000	Santa Barbara	78,400	79,500
Imperial Beach	25,600	25,950	Santa Maria	52,500	53,700
La Mesa	52,300	53,000	Solvang	4,100	4,180
Lemon Grove	22,600	22,750	Unincorporated	157,500	160,100
National City	55,200	56,500			
Oceanside	107,800	117,600	SANTA CLARA	1,422,600	1,440,900
Poway	41,300	43,100	Campbell	33,850	34,500
San Diego	1,057,900	1,086,600	Cupertino	38,650	39,650
San Marcos	26,300	33,850	Gilroy	28,650	29,550
Santee	51,800	52,400	Los Altos	27,350	27,350
Solana Beach	14,450	14,700	Los Altos Hills	7,925	8,025
Vista	56,400	61,700	Los Gatos	27,950	28,200
Unincorporated	375,300	391,700	Milpitas	44,950	46,450
			Monte Sereno	3,440	3,440
SAN FRANCISCO	736,500	731,700	Morgan Hill	22,400	23,800
San Francisco	736,500	731,700	Mountain View	62,600	63,500
			Palo Alto	56,600	57,000
SAN JOAQUIN	449,800	460,300	San Jose	728,300	738,400

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1988 AND 1989 a/

County and city	1988	1989	County and city	1988	1989
Santa Clara	90,300	90,900	Patterson	6,725	7,575
Saratoga	30,050	30,250	Riverbank	7,375	7,700
Sunnyvale	116,300	116,700	Turlock	37,250	39,700
Unincorporated	103,200	103,200	Waterford	3,360	3,450
			Unincorporated	98,300	97,100
SANTA CRUZ	224,300	229,900			
Capitola	10,150	10,250	SUTTER	61,100	62,500
Santa Cruz	48,200	49,800	Live Oak	3,980	4,100
Scotts Valley	8,500	9,075	Yuba City	23,100	24,600
Watsonville	29,300	30,250	Unincorporated	34,000	33,750
Unincorporated	128,100	130,500			
			TEHAMA	46,150	47,250
SHASTA	137,800	143,100	Corning	5,575	5,700
Anderson	8,050	8,175	Red Bluff	11,800	12,050
Redding	55,700	59,800	Tehama	380	390
Unincorporated	74,000	75,100	Unincorporated	28,400	29,100
SIERRA	3,520	3,600	TRINITY	13,650	14,000
Loyalton	1,180	1,180	Unincorporated	13,650	14,000
Unincorporated	2,340	2,420			
			TULARE	294,700	300,200
SISKIYOU	42,950	43,750	Dinuba	11,700	12,000
Dorris	910	910	Exeter	7,025	7,475
Dunsmuir	2,170	2,170	Farmersville	6,000	6,050
Etna	810	800	Lindsay	8,025	8,275
Fort Jones	610	620	Porterville	25,050	27,000
Montague	1,550	1,560	Tulare	28,050	29,650
Mount Shasta	3,470	3,550	Visalia	65,200	68,800
Tulelake	890	890	Woodlake	5,350	5,400
Weed	2,960	3,000	Unincorporated	138,300	135,700
Yreka	6,700	6,825			
Unincorporated	22,900	23,450	TUOLUMNE	45,050	49,000
			Sonora	4,360	4,560
SOLANO	306,800	321,100	Unincorporated	40,700	44,450
Benicia	23,250	24,350			
Dixon	10,700	10,750	VENTURA	638,000	653,600
Fairfield	73,600	76,100	Camarillo	47,050	48,300
Rio Vista	3,380	3,400	Fillmore	10,950	11,200
Suisun City	17,750	19,450	Moorpark	22,600	24,900
Vacaville	61,500	64,500	Ojai	7,850	7,900
Vallejo	98,000	103,300	Oxnard	126,200	128,000
Unincorporated	18,600	19,300	Port Hueneme	20,600	20,700
			San Buenaventura	88,800	90,800
SONOMA	360,100	371,600	Santa Paula	23,750	24,000
Cloverdale	4,510	4,620	Simi Valley	97,700	99,800
Cotati	4,820	5,175	Thousand Oaks	101,700	104,400
Healdsburg	8,800	9,250	Unincorporated	90,600	93,600
Petaluma	40,200	41,850			
Rohnert Park	32,300	33,350	YOLO	132,600	137,000
Santa Rosa	107,900	111,600	Davis	42,950	44,250
Sebastopol	6,400	6,500	West Sacramento	27,350	27,550
Sonoma	7,575	7,950	Winters	3,770	4,190
Unincorporated	147,600	151,300	Woodland	36,700	39,000
			Unincorporated	21,850	22,050
STANISLAUS	334,000	347,500			
Ceres	18,800	22,300	YUBA	56,200	57,300
Hughson	3,080	3,130	Marysville	11,400	11,850
Modesto	145,000	152,100	Wheatland	1,840	1,890
Newman	3,400	3,470	Unincorporated	42,950	43,600
Oakdale	10,700	10,950			

a/ Totals may not add due to independent rounding.

Department of Finance
Demographic Research Unit
(916) 322-4651

SECTION C

LABOR FORCE AND EMPLOYMENT

This section presents statistics relating to the civilian labor force of California, including employment, hours of work, earnings, apprenticeships, work injuries and illnesses, and union membership and settlements. The primary source of the data is the California Employment Development Department, Division of Employment Data and Research. Other sources include the United States Bureau of Labor Statistics and the California Department of Industrial Relations.

TABLE C-1

EMPLOYMENT AND UNEMPLOYMENT, CALIFORNIA AND METROPOLITAN AREAS

Year/Area	Civilian labor force	Employed a/	Unemployed b/	Unemployment rate
California				
1965	7,284	6,855	429	5.9
1966	7,592	7,217	375	4.9
1967	7,831	7,441	389	5.0
1968	8,090	7,724	366	4.5
1969	8,388	8,016	372	4.4
1970	8,167	7,575	592	7.3
1971	8,407	7,669	739	8.8
1972	8,653	7,996	656	7.6
1973	8,910	8,286	624	7.0
1974	9,317	8,638	679	7.3
1975	9,539	8,598	941	9.9
1976	9,896	8,990	906	9.2
1977	10,367	9,513	853	8.2
1978	10,911	10,137	775	7.1
1979	11,268	10,566	702	6.2
1980	11,584	10,794	790	6.8
1981	11,812	10,938	875	7.4
1982	12,178	10,967	1,210	9.9
1983	12,281	11,095	1,187	9.7
1984	12,610	11,631	980	7.8
1985	12,981	12,048	934	7.2
1986	13,332	12,442	890	6.7
1987	13,729	12,938	791	5.8
1988	14,036	13,292	743	5.3
Metropolitan Areas, 1988				
Anaheim-Santa Ana	1,345.7	1,304.7	40.9	3.0
Bakersfield	225.7	202.7	23.0	10.2
Chico	72.1	66.4	5.6	7.8
Fresno	304.7	272.4	32.3	10.6
Los Angeles-Long Beach	4,173.1	3,969.9	203.2	4.9
Merced	71.7	63.8	7.9	11.0
Modesto	157.2	138.5	18.7	11.9
Oakland	1,066.2	1,016.9	49.3	4.6
Oxnard-Ventura	351.7	333.0	18.7	5.3
Redding	58.8	53.5	5.3	9.0
Riverside-San Bernardino	939.7	884.7	55.0	5.9
Sacramento	701.0	663.3	37.6	5.4
Salinas-Seaside-Monterey	159.3	146.2	13.2	8.3
San Diego	1,118.3	1,070.4	48.0	4.3
San Francisco	879.3	847.9	31.4	3.6
San Jose	836.4	803.4	33.0	4.0
Santa Barbara-Santa Maria-Lompoc	178.7	170.8	7.9	4.4
Santa Cruz	129.3	120.9	8.5	6.5
Santa Rosa-Petaluma	193.2	184.0	9.2	4.8
Stockton	194.8	176.0	18.8	9.7
Vallejo-Fairfield-Napa	190.6	180.0	10.6	5.5
Visalia--Tulare-Porterville	135.0	121.1	13.9	10.3
Yuba City	45.7	40.3	5.4	11.8

a/ Includes wage and salary workers, employers, own-account workers, unpaid family workers and workers directly involved in work stoppages.
b/ Excludes the potential or latent supply of workers not active in the labor market.

Employment Development Department
Division of Employment Data and Research
Economic Information Group
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TABLE C-2

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS BY MAJOR INDUSTRY, CALIFORNIA, 1960 TO 1988 c/

(In thousands)

Year	Total	Mining	Construc-tion a/	Manufac turing	Trans-portation and utilities	Whole-sale trade	Retail trade	Finance, insurance, real estate	Services	Govern-ment b/
1960	4,896.0	30.6	294.8	1,317.2	356.9	292.2	775.4	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	296.3	784.3	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	303.3	818.1	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	311.9	857.1	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	320.0	904.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	330.5	939.2	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	345.4	983.9	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	352.7	1,006.0	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	361.8	1,056.3	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	377.0	1,116.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	n.a.	n.a.	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	n.a.	n.a.	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	312.4	1,542.7	454.1	409.6	1,199.0	409.3	1,361.0	1,492.7
1973	7,621.9	30.5	333.4	1,660.7	467.0	441.6	1,261.9	431.6	1,470.6	1,524.8
1974	7,834.3	32.7	317.8	1,701.3	470.7	460.6	1,291.4	444.8	1,529.1	1,586.0
1975	7,847.2	33.9	285.9	1,593.7	458.1	465.9	1,320.4	446.4	1,572.4	1,670.6
1976	8,154.2	34.7	301.3	1,659.8	463.9	485.3	1,390.2	468.7	1,654.6	1,695.6
1977	8,599.7	35.6	350.4	1,737.8	476.5	507.5	1,474.9	505.4	1,770.9	1,740.7
1978	9,199.8	37.1	401.9	1,884.6	506.4	534.3	1,591.7	553.2	1,937.4	1,753.1
1979	9,664.6	39.3	448.7	2,012.7	534.7	564.1	1,659.7	595.9	2,074.6	1,735.0
1980	9,848.8	43.5	428.3	2,018.2	546.3	583.7	1,683.2	623.1	2,158.8	1,763.9
1981	9,985.3	49.2	407.6	2,032.3	554.8	590.6	1,710.9	642.9	2,240.5	1,756.4
1982	9,810.3	50.4	349.0	1,957.7	542.8	582.1	1,693.1	642.4	2,257.7	1,735.2
1983	9,965.8	48.1	369.3	1,949.3	536.9	603.8	1,740.1	661.7	2,332.2	1,724.3
1984	10,573.8	50.0	445.2	2,065.5	554.6	643.4	1,864.0	694.2	2,509.5	1,747.4
1985	10,979.1	49.9	496.2	2,076.1	568.7	673.5	1,952.7	724.5	2,644.8	1,792.8
1986	11,258.1	42.6	531.0	2,069.7	574.6	680.4	2,006.1	763.7	2,751.3	1,838.8
1987	11,678.5	41.1	574.6	2,107.6	582.6	689.4	2,072.0	800.9	2,926.7	1,883.7
1988	12,075.1	42.3	607.0	2,147.9	586.4	719.7	2,149.6	812.8	3,074.9	1,934.5

a/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.

b/ Includes all civilian employees of Federal, State, and local governments regardless of the activity in which the employees are engaged.

c/ There may be breaks in series between 1971 and 1972 due to changes in Standard Industrial Classification. Does not include employers, own-account workers, unpaid family workers, domestic servants, and agricultural workers.

Employment Development Department
Division of Employment Data and Research
Economic Information Group
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TABLE C-3

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY, CALIFORNIA, 1983 TO 1988

(In thousands)

Industry	1983	1984	1985	1986	1987	1988
Total a/ b/	9,965.8	10,573.8	10,979.1	11,258.1	11,678.5	12,075.1
Mining	48.1	50.0	49.9	42.6	41.1	42.3
Construction c/	369.3	445.2	496.2	531.0	574.6	607.0
Manufacturing	1,949.3	2,065.5	2,076.1	2,069.7	2,107.6	2,147.9
Nondurable goods	622.0	639.2	635.7	652.7	680.4	698.7
Durable goods	1,327.3	1,426.3	1,440.4	1,417.0	1,427.2	1,449.2
Food and kindred products	173.4	173.3	169.2	170.6	171.4	175.5
Textile mill products	13.0	13.7	13.9	14.9	16.3	16.7
Apparel and other textile products	103.2	108.0	107.2	114.7	126.4	125.9
Paper and allied products	37.0	38.7	39.6	40.0	41.1	41.1
Printing and publishing	128.3	136.5	140.1	145.1	152.4	160.1
Chemicals and allied products	63.8	64.1	63.7	64.7	67.8	72.7
Petroleum and coal products	31.0	30.0	28.8	27.7	27.3	28.1
Rubber and miscellaneous plastics product	62.8	66.5	65.7	68.1	70.7	72.3
Leather and leather products	9.5	8.5	7.5	7.0	6.9	6.4
Lumber and wood products	50.6	55.1	56.1	60.1	66.2	67.7
Furniture and fixtures	51.6	59.2	58.9	59.5	63.0	62.1
Stone, clay and glass products	48.7	51.6	50.8	52.5	53.7	56.8
Primary metal industries	43.5	42.6	41.6	40.8	42.0	43.7
Fabricated metal products	137.9	146.7	143.5	135.9	134.3	135.8
Machinery (except electrical)	223.4	239.2	229.4	214.0	212.3	216.8
Electric and electronic equipment	365.4	406.3	413.4	399.7	396.9	400.3
Transportation equipment	261.9	277.5	297.3	306.7	310.2	311.7
Instruments and related products	103.7	110.1	113.9	112.2	112.9	117.7
Miscellaneous manufacturing	40.6	37.9	35.5	35.5	35.8	36.5
Transportation and utilities	536.9	554.6	568.7	574.6	582.6	586.4
Transportation	288.5	307.1	319.3	330.1	340.3	351.2
Communication (excl. U.S. postal service)	173.6	169.5	168.2	160.9	157.8	150.7
Electric, gas and sanitary services	74.9	78.0	81.3	83.6	84.5	84.6
Wholesale trade	603.8	643.4	673.5	680.4	689.4	719.7
Retail trade	1,740.1	1,864.0	1,952.7	2,006.1	2,072.0	2,149.6
Finance, insurance and real estate	661.7	694.2	724.5	763.7	800.9	812.8
Services	2,332.2	2,509.5	2,644.8	2,751.3	2,926.7	3,074.9
Government d/	1,724.3	1,747.4	1,792.8	1,838.8	1,883.7	1,934.5
Federal	328.0	334.4	343.1	346.3	349.7	354.0
State and local e/	1,396.4	1,413.0	1,449.7	1,492.5	1,534.1	1,580.4

a/ Excludes employers, own-account workers, unpaid family workers, domestic servants and agricultural workers.
b/ Detail may not add to totals due to rounding.
c/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.
d/ Includes civilian employees of Federal, State and local governments regardless of activity in which engaged.
e/ Includes all employees of State and local public schools.

Employment Development Department
Division of Employment Data and Research
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TABLE C-4

EMPLOYEES IN CALIFORNIA STATE GOVERNMENT 1975-76 TO 1989-90

Fiscal year	Total a/	Civil Service	Exempt and other	State Colleges	University of California
1975-76	206,761	119,866	1,786	32,384	52,356
1976-77	213,795	121,676	2,140	32,997	56,984
1977-78	221,251	126,873	2,432	33,778	58,168
1978-79	218,530	126,282	2,512	33,470	56,267
1979-80	220,193	128,202	2,569	33,089	56,332
1980-81	225,567	131,708	2,763	33,953	57,228
1981-82	228,813	132,503	3,021	33,838	59,451
1982-83	228,489	131,914	2,872	33,875	59,624
1983-84	226,695	131,026	3,047	33,407	59,009
1984-85	229,845	136,974	3,207	32,462	57,902
1985-86	229,641	137,777	3,220	32,219	57,652
1986-87	232,927	137,693	3,280	33,660	58,294
1987-88	237,761	144,244	3,905	32,984	56,627
1988-89	248,541	154,203	4,565	33,035	56,738
1989-90	255,351	159,688	4,559	33,732	57,371

a/ Detail may not add to total due to rounding. e/ Estimated.
Source: Governor's Budget

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE C-5

AVERAGE MONTHLY EMPLOYMENT COVERED BY THE UNEMPLOYMENT INSURANCE CODE BY INDUSTRY, CALIFORNIA, 1987 AND 1988 a/

Industry	1987	1988
All industries	12,094,751	12,556,920
Private industry	10,261,467	10,670,598
Agriculture, forestry, and fishing	406,349	437,660
Mining	41,010	41,996
Construction	583,671	610,850
Manufacturing	2,108,515	2,144,294
Transportation and public utilities	561,793	571,177
Wholesale trade	700,791	742,078
Retail trade	2,081,224	2,154,182
Finance, insurance, and real estate	804,809	820,127
Services	2,895,829	3,063,085
Nonclassifiable establishments	77,476	85,148
Federal, State and local government	1,833,284	1,886,322

a/ Employers not engaged in an exempt activity and who have one or more persons in their employ and pay wages in excess of $100 during a calendar quarter are subject to Code. Exempt employment includes interstate railroads; self-employed; some Federal, State and local government; and some domestic workers in private homes. Exempt workers may be insured under the Code if the employer elects coverage.

Employment Development Department
Employment Data and Research, Employer Reports Group
(916) 427-4904

TABLE C-6

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/

(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
ANAHEIM-SANTA ANA							
Total	848.5	873.8	950.7	999.1	1,040.2	1,091.9	1,132.0
Mining	3.9	3.8	3.9	3.1	2.1	1.8	1.4
Construction a/	32.0	34.5	44.2	50.5	56.2	63.6	66.8
Manufacturing	216.6	217.6	237.6	241.9	241.7	248.6	257.1
Nondurable goods	54.2	55.2	59.1	59.7	62.1	65.2	67.9
Durable goods	162.4	162.4	178.5	182.2	179.6	183.4	189.2
Food and kindred products	9.2	8.9	9.1	9.3	9.6	9.9	10.1
Textile mill products	2.1	2.3	2.9	2.6	2.9	3.2	3.2
Apparel and other textile products	3.6	3.7	3.8	3.9	4.2	4.6	4.6
Paper and allied products	3.9	3.9	3.9	4.1	4.2	4.3	4.3
Printing and publishing	11.7	12.4	13.7	14.8	15.7	16.8	18.0
Chemicals and petroleum	10.3	10.6	11.0	10.3	9.9	9.9	10.5
Rubber and miscellaneous plastics products	13.2	13.2	14.4	14.6	15.4	16.2	17.0
Leather and leather products	0.3	0.3	0.3	0.2	0.2	0.3	0.3
Lumber and wood products	2.7	2.7	2.7	3.1	3.6	4.6	5.2
Furniture and fixtures	6.4	6.9	8.5	8.4	8.2	8.4	8.4
Stone, clay, and glass products	3.1	3.1	3.2	3.2	3.2	3.5	3.9
Primary metal industries	2.4	2.4	2.6	2.4	2.4	2.7	2.5
Fabricated metal products	19.4	19.8	22.3	22.1	20.6	21.3	22.3
Machinery (except electrical)	31.7	29.6	32.6	32.2	29.4	29.2	30.5
Electric and electronic equipment	52.8	54.4	61.7	64.3	63.8	63.8	63.3
Transportation equipment	22.5	22.6	24.2	25.7	28.0	28.9	31.1
Instruments and related products	17.5	17.3	17.1	17.1	16.1	16.5	17.1
Miscellaneous manufacturing	4.0	3.6	3.6	3.6	4.1	4.4	4.9
Transportation and public utilities	30.0	29.8	31.3	33.1	33.8	34.2	34.0
Wholesale trade	44.5	48.9	55.2	60.2	62.1	63.7	69.8
Retail trade	165.6	169.1	180.8	189.8	197.0	206.5	210.5
Finance, insurance and real estate	60.9	64.2	69.6	75.8	85.0	92.2	92.4
Services	191.0	202.5	223.3	237.0	250.4	266.5	282.2
Government c/	104.1	103.5	104.8	107.8	112.0	114.8	117.9
Federal	11.9	12.1	13.2	14.0	14.7	15.3	15.8
State and local	92.3	91.4	91.6	93.9	97.3	99.4	102.1
County	11.8	12.1	12.2	12.7	13.5	13.9	14.3
City	14.4	14.4	14.4	15.0	15.5	15.8	16.3
Other State and local d/	66.1	65.0	65.0	66.2	68.3	69.8	71.5
BAKERSFIELD							
Total	138.9	140.6	148.1	154.3	156.0	159.4	161.1
Mining	14.4	14.4	15.6	16.4	13.8	13.2	14.2
Construction b/	6.8	7.1	8.2	9.4	9.9	9.6	9.7
Manufacturing	10.0	9.9	10.3	10.3	10.2	10.8	10.6
Nondurable goods	4.9	5.1	5.0	4.9	4.8	4.9	4.9
Durable goods	5.1	4.9	5.3	5.5	5.4	5.9	5.6
Food and kindred products	1.2	1.3	1.6	1.7	1.7	1.7	1.8
Petroleum and coal products	1.5	1.7	1.3	1.0	0.8	0.7	0.7
Other nondurable goods	2.1	2.1	2.1	2.2	2.3	2.4	2.4
Stone, clay, and glass products	1.1	1.0	1.1	1.1	1.1	1.1	1.1
Primary and fabricated metals	0.8	0.8	0.8	0.6	0.6	0.5	0.3
Machinery	1.7	1.3	1.4	1.5	1.3	1.2	1.0
Transportation equipment	1.1	1.4	1.5	1.8	1.9	2.4	2.6
Other durable goods	0.4	0.4	0.5	0.6	0.6	0.7	0.7
Transportation and public utilities	8.0	7.8	7.6	8.2	8.1	7.9	7.2
Wholesale trade	8.2	7.7	7.7	7.5	6.8	6.8	7.0

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/

(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
Retail trade	27.4	28.5	30.9	31.5	31.8	31.6	31.6
Finance, insurance, and real estate	5.4	5.6	5.6	5.8	6.2	6.3	6.4
Services	25.6	26.4	27.8	28.9	30.4	33.0	33.7
Government c/	33.2	33.3	34.4	36.3	38.7	40.3	40.8
Federal	9.6	9.7	10.3	10.9	11.4	11.5	11.4
State and local	23.7	23.6	24.1	25.4	27.3	28.8	29.4
County	5.9	6.1	6.3	6.6	6.8	6.9	6.9
City	1.3	1.4	1.5	1.6	1.7	1.7	1.7
Other State and local d/	16.4	16.1	16.3	17.2	18.8	20.2	20.8
FRESNO							
Total	174.9	176.1	186.3	191.5	196.2	203.2	207.5
Mining	1.0	1.0	1.1	1.0	0.7	0.6	0.6
Construction b/	8.1	9.1	10.5	11.4	11.7	12.4	12.1
Manufacturing	21.2	20.5	21.4	21.1	21.0	21.8	22.0
Nondurable goods	11.4	11.1	11.2	11.0	11.4	12.0	11.8
Durable goods	9.8	9.4	10.2	10.0	9.6	9.7	10.3
Food and kindred products	7.8	7.5	7.4	7.0	7.5	8.0	7.9
Other nondurable goods	3.6	3.6	3.9	4.1	4.0	4.0	3.9
Lumber and wood products	0.9	1.0	1.1	1.0	0.9	1.0	1.1
Furniture and fixtures	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Stone, clay, and glass products	1.3	1.3	1.3	1.1	1.1	1.2	1.2
Primary and fabricated metals	1.8	1.8	1.9	1.9	1.9	2.0	2.2
Machinery (except electrical) and transportation equipment	4.5	4.2	4.6	4.6	4.2	4.1	4.2
Other durable goods	0.9	0.8	0.8	1.0	1.1	1.1	1.3
Transportation and public utilities	10.3	9.9	10.3	10.0	10.3	11.0	11.5
Wholesale trade	12.5	12.1	12.1	12.1	12.8	12.8	12.6
Retail trade	33.3	33.7	35.9	37.3	38.5	39.9	40.7
Finance, insurance, and real estate	11.4	12.0	12.8	13.2	13.4	13.1	12.2
Services	37.1	37.9	41.5	43.2	44.2	47.0	49.7
Government c/	40.0	39.8	40.6	42.4	43.6	44.7	46.1
Federal	7.2	7.0	7.2	8.2	8.9	9.0	9.4
State and local	32.7	32.8	33.4	34.2	34.7	35.6	36.7
County	6.2	6.1	6.2	6.4	6.4	6.4	6.6
City	3.5	3.4	3.5	3.6	3.7	3.7	3.6
Other State and local d/	23.0	23.3	23.7	24.3	24.7	25.5	26.6
LOS ANGELES-LONG BEACH							
Total	3,532.7	3,556.8	3,723.5	3,825.1	3,908.2	4,019.8	4,109.8
Mining	14.1	12.8	12.6	12.4	10.5	9.5	9.8
Construction b/	100.0	96.8	109.0	120.9	130.7	143.7	148.4
Manufacturing	862.8	853.1	885.3	887.1	891.4	905.9	904.3
Nondurable goods	286.1	284.1	288.2	284.8	293.9	308.4	311.4
Durable goods	576.6	569.0	597.1	602.3	597.5	597.5	592.9
Food and kindred products	51.8	51.6	49.8	47.3	47.7	47.1	48.3
Textile mill products	8.2	8.4	8.7	9.7	10.2	10.8	11.5
Apparel and other textile products	73.5	73.2	77.6	77.8	84.4	93.6	90.8
Paper and allied products	17.3	17.2	18.2	18.3	18.2	18.7	18.6
Printing and publishing	53.3	53.6	55.2	55.3	57.0	60.4	62.3
Chemicals and allied products	27.8	27.0	27.4	27.5	28.2	29.3	31.2
Petroleum and coal products	14.6	13.6	12.8	12.2	10.9	10.8	10.9
Rubber and miscellaneous plastics products	31.3	31.6	32.1	31.2	32.0	32.6	33.0
Leather and leather products	8.3	7.5	6.3	5.6	5.4	5.1	4.7
Lumber and wood products	9.2	9.7	10.8	10.6	11.5	12.5	12.5

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
Furniture and fixtures	32.8	34.1	38.0	38.1	38.0	40.1	38.9
Stone, clay, and glass products	19.8	18.9	19.5	17.8	17.8	18.2	18.7
Primary metal industries	22.4	20.8	21.4	21.1	21.1	21.5	22.9
Fabricated metal products	69.7	69.1	72.9	70.8	68.3	67.5	67.1
Machinery (except electrical)	81.4	76.2	76.4	72.2	67.3	63.5	59.4
Electric and electronic equipment	139.1	141.4	150.7	155.5	155.7	155.7	155.8
Transportation equipment	152.1	150.9	157.9	165.9	168.4	170.1	168.4
Instruments and related products	28.2	26.9	28.7	29.7	29.0	28.1	28.8
Miscellaneous manufacturing	21.3	20.9	21.1	20.6	20.4	20.4	20.4
Transportation and public utilities	197.2	195.1	197.6	200.9	202.7	204.4	204.3
Wholesale trade	261.5	264.3	282.2	290.7	293.1	291.7	302.4
Retail trade	542.2	548.3	584.1	604.3	617.1	629.2	649.1
Finance, insurance, and real estate	234.1	238.3	251.0	260.9	273.6	286.1	286.0
Services	853.0	882.3	934.2	970.7	1,001.7	1,054.3	1,098.2
Government c/	468.5	464.9	467.7	477.2	487.4	494.9	507.4
Federal	68.0	68.2	69.1	69.8	69.9	70.9	71.0
State and local	400.5	396.7	398.6	407.4	417.5	424.0	436.4
County	72.7	71.7	73.1	74.8	77.3	78.5	80.2
City	70.5	70.8	71.8	73.7	75.4	77.8	79.6
Education	214.9	210.1	208.7	213.6	220.2	223.0	231.5
Other State and local d/	42.3	44.1	45.0	45.3	44.6	44.7	45.1
MODESTO							
Total	84.9	85.6	89.0	93.5	98.0	104.2	109.0
Mining	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Construction b/	3.9	4.5	5.2	6.0	6.3	7.0	7.2
Manufacturing	19.2	18.9	19.7	20.4	21.7	22.9	23.7
Nondurable goods	14.5	14.1	14.4	14.7	15.7	16.4	17.0
Durable goods	4.8	4.8	5.3	5.7	6.0	6.5	6.7
Food and kindred products	11.9	11.5	11.9	12.1	13.0	13.6	14.0
Paper and allied products	1.4	1.4	1.3	1.4	1.4	1.4	1.5
Printing and publishing	0.9	0.9	1.0	1.0	1.0	1.1	1.2
Other nondurable goods	0.3	0.3	0.2	0.2	0.2	0.3	0.3
Lumber and stone, clay, glass	1.8	1.9	2.0	2.1	2.2	2.4	2.6
Fabricated metal products	1.4	1.3	1.4	1.6	1.7	1.7	1.8
Other durable goods	1.6	1.7	1.9	2.1	2.2	2.4	2.4
Transportation and public utilities	4.0	4.1	4.4	4.4	4.4	4.5	4.5
Wholesale trade	4.3	3.9	4.1	4.6	4.8	5.0	5.1
Retail trade	16.8	17.8	18.5	19.0	19.9	21.8	23.3
Finance, insurance, and real estate	3.4	3.7	3.9	4.0	4.4	4.4	4.4
Services	17.4	17.4	18.3	19.7	20.2	21.4	22.7
Government c/	15.8	15.3	15.0	15.4	16.3	17.2	18.1
Federal	0.7	0.7	0.8	0.8	0.8	0.8	0.8
State and local	15.1	14.6	14.2	14.6	15.5	16.4	17.3
County	3.5	3.5	3.2	3.3	3.2	3.2	3.5
City	1.5	1.5	1.5	1.5	1.6	1.7	1.7
Other State and local d/	10.0	9.6	9.6	9.8	10.7	11.5	12.1
OAKLAND							
Total	677.4	692.1	735.0	767.1	786.5	813.7	841.6
Mining	1.8	1.8	2.0	2.1	2.7	3.2	3.3
Construction b/	32.9	35.4	41.5	44.8	45.0	47.3	50.3
Manufacturing	101.4	98.7	103.0	102.8	101.6	103.9	108.8
Nondurable goods	49.2	48.6	49.9	49.6	49.0	49.6	52.6
Durable goods	52.2	50.1	53.0	53.3	52.6	54.3	56.2
Food and kindred products	15.1	14.6	14.8	14.2	12.9	12.5	13.1

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
Textile mill products	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Apparel and other textile products	2.7	2.7	2.8	2.8	2.8	3.2	3.2
Paper and allied products	3.3	3.4	3.6	3.8	4.0	4.1	3.9
Printing and publishing	7.9	8.0	8.4	8.2	8.2	8.8	9.3
Chemicals and allied products	10.3	9.6	9.7	9.7	9.5	9.4	10.7
Petroleum and coal products	7.8	7.8	7.9	8.5	9.0	8.9	9.4
Rubber and miscellaneous plastics products	1.8	2.0	2.3	2.1	2.2	2.3	2.3
Leather and leather products	0.2	0.3	0.3	0.2	0.2	0.2	0.2
Lumber and wood products	1.1	1.0	1.1	1.1	1.0	1.4	1.4
Furniture and fixtures	2.1	2.1	2.2	2.1	2.1	2.2	2.2
Stone, clay and glass products	4.9	4.5	4.7	4.9	5.1	5.1	5.6
Primary metal industries	6.5	5.6	5.9	5.2	4.7	4.5	4.4
Fabricated metal products	10.7	10.7	10.8	10.7	9.5	9.4	8.6
Machinery (except electrical)	10.8	10.2	11.2	10.7	10.1	10.1	10.9
Electric and electronic equipment	6.4	6.6	7.1	7.6	7.9	8.9	10.1
Transportation equipment	3.8	3.3	3.6	4.6	5.2	5.4	5.3
Instruments and related products	4.6	4.7	5.1	5.3	5.6	5.8	6.5
Miscellaneous manufacturing	1.5	1.5	1.3	1.2	1.3	1.4	1.1
Transportation and public utilities	43.4	43.4	46.3	50.4	54.8	56.3	56.0
Wholesale trade	38.4	39.8	41.6	45.4	45.9	47.0	48.3
Retail trade	127.1	133.0	143.5	149.0	151.2	154.4	158.4
Finance, insurance and real estate	37.3	40.3	43.5	46.8	50.6	54.1	55.4
Services	142.8	148.9	161.6	171.5	178.3	189.1	199.9
Government c/	152.3	150.9	152.1	154.3	156.3	158.3	161.2
Federal	30.6	30.5	30.4	30.9	30.6	30.4	30.3
State and local	121.7	120.4	121.7	123.4	125.7	127.9	130.9
County	16.1	15.9	15.8	16.1	16.5	17.0	17.6
City d/	12.8	12.7	12.7	13.2	13.6	14.0	14.2
Other State and local d/	92.8	91.8	93.1	94.1	95.7	96.9	99.1
OXNARD-VENTURA							
Total	161.2	167.0	177.8	186.4	193.7	205.5	213.9
Mining	3.1	3.3	3.4	3.3	2.9	2.6	2.8
Construction b/	5.5	6.2	8.1	9.4	10.7	12.6	13.9
Manufacturing	26.4	27.2	29.1	29.6	29.2	29.7	30.2
Nondurable goods	7.9	7.4	7.5	7.3	7.2	7.5	6.7
Durable goods	18.5	19.9	20.4	22.3	22.1	22.2	23.5
Food and kindred products	2.4	2.2	2.3	2.3	2.0	2.1	1.5
Apparel and other textile products	0.9	0.8	0.9	0.9	0.9	0.9	0.9
Printing and publishing	1.4	1.4	1.6	1.6	1.8	2.0	2.0
Other nondurable goods	3.2	2.9	2.7	2.5	2.5	2.5	2.3
Stone, clay, and glass products	0.3	0.3	0.3	0.4	0.4	0.7	1.0
Machinery (except electrical)	3.5	3.9	4.0	3.7	3.7	3.3	3.4
Electric and electronic equipment	4.6	4.6	5.7	6.5	6.9	7.2	7.4
Transportation equipment	4.2	4.3	4.8	5.6	5.3	5.6	5.8
Other durable goods	5.9	6.7	5.7	6.2	5.7	5.4	5.9
Transportation and public utilities	6.6	6.8	7.1	7.9	9.2	10.9	11.1
Wholesale trade	6.7	7.4	7.7	8.0	7.8	8.3	9.0
Retail trade	32.1	33.9	36.7	39.5	40.5	42.8	43.9
Finance, insurance and real estate	9.8	10.6	10.9	10.3	10.1	10.5	11.2
Services	32.9	33.8	36.8	39.3	43.6	48.0	51.1
Government c/	38.1	37.7	38.0	39.1	39.7	40.1	40.6
Federal	10.0	10.1	10.4	10.8	10.9	11.0	11.1
State and local	28.1	27.6	27.7	28.4	28.8	29.1	29.5
County	6.2	6.0	6.1	6.1	6.1	6.1	6.1
City	2.8	2.9	3.1	3.2	3.4	3.5	3.4
Other State and local d/	19.1	18.7	18.5	19.0	19.4	19.6	20.0

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/

(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
RIVERSIDE-SAN BERNARDINO-ONTARIO							
Total	431.8	444.8	482.0	524.8	561.6	600.9	626.3
Mining	1.7	1.2	1.3	1.3	1.3	1.3	1.3
Construction b/	19.6	23.1	32.6	38.4	43.9	49.7	53.1
Manufacturing	59.4	59.3	63.9	69.8	74.5	80.1	81.9
Nondurable goods	17.1	17.4	18.7	20.0	21.5	23.3	24.3
Durable goods	42.3	42.0	45.2	49.8	53.0	56.8	57.6
Food and kindred products	4.7	4.5	4.6	4.4	4.9	5.4	5.5
Apparel and other textile products	1.9	1.9	1.9	2.0	2.0	2.1	2.0
Printing and publishing	4.2	4.5	5.1	5.6	6.0	6.2	6.4
Other nondurable goods	6.3	6.4	7.1	8.0	8.6	9.7	10.4
Lumber and furniture	4.7	5.7	7.2	8.4	9.3	9.7	9.0
Stone, clay and glass products	5.0	5.0	5.8	6.1	6.4	7.0	7.3
Primary and fabricated metals	12.3	10.8	9.3	10.9	10.9	10.9	11.5
Machinery (except electrical)	3.8	3.4	4.1	4.5	4.7	4.4	4.7
Electrical equipment and supplies	2.9	2.7	3.1	3.7	4.2	4.7	4.5
Transportation equipment	9.7	10.8	11.8	12.6	13.9	16.5	16.9
Other durable goods	3.9	3.6	3.8	3.6	3.6	3.7	3.8
Transportation and public utilities	25.4	25.6	27.6	29.4	30.0	30.5	30.5
Wholesale trade	15.5	16.5	18.2	19.8	20.6	21.5	22.3
Retail trade	93.0	97.5	105.5	113.0	120.6	129.9	134.7
Finance, insurance and real estate	19.0	19.8	20.9	21.9	24.0	26.1	27.5
Services	96.5	99.7	107.1	121.5	130.7	141.5	149.1
Government c/	101.8	102.0	105.0	109.8	116.0	120.3	125.9
Federal	17.8	18.0	18.4	19.2	19.7	19.6	20.0
State and local	84.1	84.0	86.6	90.6	96.3	100.7	105.9
County	16.4	16.3	16.9	17.9	18.9	19.4	20.1
City	8.7	8.8	8.9	9.3	9.7	10.3	11.1
Other State and local d/	58.9	58.9	60.8	63.4	67.8	71.0	74.7
SACRAMENTO							
Total	424.9	436.4	465.8	494.5	520.0	546.6	569.9
Mining	0.9	0.8	0.8	0.9	0.8	0.8	0.7
Construction b/	16.2	18.0	23.1	27.3	30.8	32.5	33.5
Manufacturing	27.9	29.3	33.1	35.1	38.2	40.5	41.7
Nondurable goods	12.9	13.1	14.5	14.4	14.9	16.0	16.2
Durable goods	15.0	16.2	18.5	20.7	23.2	24.4	25.4
Food and kindred products	6.3	6.0	6.8	6.3	6.5	7.0	6.9
Printing and publishing	3.8	4.1	4.4	4.8	5.1	5.5	5.8
Chemicals and allied products	0.7	0.7	0.8	0.7	0.7	0.8	1.0
Other nondurable goods	2.2	2.4	2.6	2.6	2.7	2.7	2.6
Lumber and wood products	2.6	3.2	3.7	3.8	4.1	4.8	5.0
Stone, clay and glass products	1.5	1.7	1.8	2.0	2.2	2.1	2.1
Primary and fabricated metals	2.1	2.0	2.3	2.3	2.3	2.5	2.3
Machinery (except electrical)	2.6	2.6	3.3	3.4	3.4	3.5	4.0
Other durable goods	6.1	6.7	7.5	9.2	11.2	11.6	12.1
Transportation and public utilities	23.5	22.5	23.4	23.8	23.8	24.6	25.0
Wholesale trade	19.0	20.5	22.7	24.2	24.7	25.8	27.4
Retail trade	81.1	84.9	91.1	97.6	102.3	106.7	110.4
Finance, insurance and real estate	23.9	24.8	26.8	28.6	30.8	33.5	35.5
Services	83.6	86.8	94.3	101.5	108.3	116.4	124.5
Government b/	148.9	148.8	150.7	155.7	160.4	165.8	171.3
Federal	27.5	27.8	28.4	29.6	30.3	29.8	29.2
State and local	121.4	121.1	122.3	126.1	130.1	136.0	142.1
County	10.8	10.8	11.2	11.7	12.1	12.4	12.9
City	5.0	5.0	5.1	5.4	5.6	6.1	6.6
Other State and local d/	105.5	105.2	105.9	109.1	112.4	117.5	122.6

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/

(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
SALINAS-SEASIDE-MONTEREY							
Total	90.6	90.5	95.5	100.1	101.9	106.0	108.3
Mining	0.4	0.3	0.3	0.5	0.4	0.4	0.3
Construction b/	3.1	3.1	3.5	3.8	4.1	4.4	4.6
Manufacturing	9.1	8.4	8.6	9.0	9.4	9.6	9.7
Nondurable goods	6.6	6.0	5.8	6.2	6.5	6.6	6.4
Durable goods	2.5	2.4	2.8	2.8	2.9	3.0	3.2
Food and kindred products	4.6	4.0	3.7	3.8	4.1	4.0	3.8
Printing and publishing	1.2	1.2	1.3	1.5	1.6	1.7	1.7
Chemicals and allied products	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Other nondurable goods	0.6	0.6	0.6	0.7	0.8	0.8	0.7
Machinery (except electrical)	0.6	0.5	0.7	0.6	0.6	0.7	0.7
Electric and electronic equipment	0.9	0.8	1.1	1.1	1.2	1.2	1.2
Other durable goods	1.0	1.1	1.1	1.1	1.1	1.1	1.4
Transportation and public utilities	4.6	4.4	4.7	4.9	4.7	5.0	4.9
Wholesale trade	4.0	4.0	3.7	3.6	4.2	4.2	4.4
Retail trade	20.2	20.8	22.8	23.9	23.3	23.7	24.1
Finance, insurance, and real estate	4.1	4.6	4.8	4.7	5.0	5.5	5.8
Services	20.9	20.7	22.5	24.0	24.7	26.2	27.5
Government c/	24.3	24.2	24.7	25.8	26.1	26.9	27.1
Federal	7.6	7.9	8.0	8.6	8.5	8.8	8.7
State and local	16.6	16.3	16.7	17.2	17.5	18.1	18.4
County	2.9	2.8	2.7	2.9	3.0	2.9	3.1
City	1.7	1.6	1.7	1.8	1.9	1.9	1.9
Other State and local d/	12.1	11.9	12.3	12.5	12.7	13.2	13.4
SAN DIEGO							
Total	662.5	677.5	733.5	783.9	819.7	867.4	912.7
Mining	0.6	0.5	0.6	0.8	0.8	0.8	0.8
Construction b/	29.0	31.6	41.4	47.5	50.9	54.6	57.3
Manufacturing	108.4	106.9	116.0	121.6	121.8	124.3	127.3
Nondurable goods	20.0	20.1	20.7	21.0	21.7	23.4	25.2
Durable goods	88.4	86.9	95.3	100.6	100.1	100.9	102.1
Food and kindred products	5.2	4.9	3.9	3.4	3.3	3.1	3.2
Apparel and other textile products	3.1	2.8	3.3	2.9	3.0	3.4	3.6
Paper and allied products	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Printing and publishing	7.6	8.3	9.1	9.9	10.3	10.7	11.5
Chemicals and allied products	1.5	1.5	1.7	1.7	1.6	1.9	2.2
Rubber and miscellaneous plastics products	1.3	1.3	1.6	1.8	1.9	2.4	3.1
Other nondurable goods	0.9	0.7	0.7	0.8	0.9	1.2	1.1
Lumber and wood products	0.7	0.8	0.9	0.9	1.1	1.5	1.6
Furniture and fixtures	1.0	1.2	1.5	1.4	1.8	2.6	2.9
Stone, clay and glass products	1.2	1.3	1.8	2.0	2.1	2.3	2.5
Primary metal industries	0.6	0.6	0.6	0.6	0.5	0.6	0.6
Fabricated metal products	5.0	5.1	5.7	5.9	6.0	6.2	6.4
Machinery (except electrical)	15.5	14.7	15.5	15.1	14.1	14.3	15.4
Electric and electronic equipment	23.4	22.6	26.0	28.1	27.5	26.5	25.8
Transportation equipment	28.6	26.6	28.6	31.9	32.3	31.9	31.2
Instruments and related products	9.3	11.1	11.7	11.9	11.9	12.4	13.!
Miscellaneous manufacturing	3.2	2.9	3.0	2.8	2.8	2.7	2.7
Transportation and public utilities	29.7	29.8	30.5	31.6	32.3	33.7	35.2
Wholesale trade	27.5	28.3	31.0	33.6	35.2	37.9	40.9
Retail trade	126.7	131.6	142.4	153.3	161.1	169.1	181.1
Finance, insurance, and real estate	42.6	45.8	48.5	52.0	56.6	61.4	63.8

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
Services	158.6	163.5	181.3	197.9	211.1	229.0	243.1
Government c/	139.6	139.5	141.8	145.7	149.9	156.6	163.2
Federal	42.4	42.6	43.3	43.8	44.0	45.0	45.6
State and local	97.2	96.9	98.5	101.9	105.9	111.6	117.6
County	11.8	11.5	11.6	12.0	12.7	13.3	14.2
City	11.2	11.5	11.6	12.1	12.8	13.7	14.5
Other State and local d/	74.2	73.9	75.3	77.8	80.4	84.5	88.9
SAN FRANCISCO							
Total	872.2	872.4	902.5	917.4	919.6	928.4	943.3
Mining	2.8	2.8	2.5	1.9	1.1	1.0	0.9
Construction b/	28.2	28.1	29.8	32.2	33.3	34.6	35.7
Manufacturing	88.1	85.7	85.4	80.5	78.3	79.2	80.3
Nondurable goods	51.9	51.2	51.0	48.1	47.6	48.8	49.7
Durable goods	36.2	34.5	34.5	32.4	30.7	30.4	30.6
Food and kindred products	12.6	11.5	10.7	10.1	10.1	9.9	9.7
Textile mill products	0.3	0.3	0.2	0.2	0.1	0.2	0.2
Apparel and other textile products	12.4	12.8	12.9	12.3	12.2	13.1	13.5
Paper and allied products	2.1	2.1	2.0	1.8	1.6	1.5	1.5
Printing and publishing	13.5	13.8	14.4	14.1	14.4	14.8	15.8
Chemicals and allied products	4.6	4.5	4.6	4.6	4.6	4.8	4.7
Petroleum and coal products	3.9	3.8	3.6	2.8	2.3	2.2	2.3
Rubber and miscellaneous plastics products	2.3	2.5	2.6	2.1	2.0	2.1	2.0
Leather and leather products	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Lumber and wood products	0.7	0.7	0.6	0.6	0.7	0.9	0.9
Furniture and fixtures	1.4	1.5	1.5	1.4	1.3	1.5	1.6
Stone, clay and glass products	1.2	1.3	1.2	1.1	1.2	1.2	1.2
Primary metal industries	4.3	4.4	4.3	4.2	4.1	4.1	4.2
Fabricated metal products	5.4	4.8	4.7	4.0	3.7	3.7	3.6
Machinery (except elecrical)	4.4	4.7	4.7	4.2	3.9	4.1	4.2
Electric and electronic equipment	12.2	11.0	10.9	10.5	9.8	9.4	9.4
Transportation equipment	3.3	3.0	3.0	2.8	2.6	2.3	2.3
Instruments and related products	1.5	1.5	1.4	1.6	1.8	1.8	1.8
Miscellaneous manufacturing	1.9	1.8	2.1	2.0	1.6	1.4	1.4
Transportation and public utilities	83.5	82.1	85.1	83.5	79.7	77.2	76.9
Wholesale trade	60.8	59.8	62.9	64.5	62.5	60.3	60.1
Retail trade	129.3	132.5	139.9	146.9	149.5	150.5	151.4
Finance, insurance and real estate	112.1	111.7	111.8	112.3	113.6	112.5	111.5
Services	235.6	238.2	251.9	261.5	268.3	279.1	291.5
Government c/	132.0	131.6	133.1	134.1	133.4	133.9	134.9
Federal	36.5	36.4	37.1	37.6	37.0	36.9	37.3
State and local	95.5	95.3	96.0	96.5	96.4	97.0	97.7
County	6.5	6.5	6.4	6.5	6.7	6.6	6.7
City d/	28.1	29.1	29.4	30.0	30.0	30.6	30.2
Other State and local d/	61.0	59.7	60.2	60.0	59.7	59.8	60.8
SAN JOSE							
Total	696.5	719.1	775.3	782.0	768.2	789.1	818.6
Mining	0.1	0.2	0.2	0.1	0.1	0.2	0.1
Construction b/	21.7	24.2	30.1	33.0	31.5	32.2	33.5
Manufacturing	263.5	266.1	288.9	280.2	263.7	262.0	273.2
Nondurable goods	28.7	27.2	27.2	25.9	25.6	26.0	27.0
Durable goods	234.7	238.9	261.7	254.3	238.2	235.9	246.2
Food and kindred products	10.9	8.8	8.2	7.7	7.4	7.0	7.2
Paper and allied products	2.0	1.9	2.1	2.0	1.6	1.7	1.7

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
Printing and publishing	6.7	7.0	7.6	7.9	7.9	8.3	8.6
Chemicals and allied products	5.8	5.9	5.6	5.3	5.8	6.1	6.5
Rubber and miscellaneous plastics products	2.8	2.9	3.0	2.4	2.4	2.4	2.4
Other nondurable goods	0.7	0.7	0.7	0.5	0.5	0.6	0.6
Lumber and wood products	0.9	1.0	1.0	1.0	0.9	1.3	1.4
Furniture and fixtures	0.7	0.9	1.1	1.0	0.9	1.0	0.9
Stone, clay and glass products	3.0	2.8	2.7	2.7	2.6	2.5	2.3
Primary metal industries	0.7	0.8	0.8	0.6	0.6	0.8	0.9
Fabricated metal products	8.2	7.6	7.7	6.3	5.1	5.5	6.3
Machinery (except electrical)	59.2	61.7	68.7	64.3	59.8	60.2	66.5
Electric and electronic equipment	97.8	102.2	116.3	112.7	102.4	99.5	101.6
Transportation equipment	29.1	28.4	30.0	32.7	33.0	32.6	32.2
Instruments and related products	27.7	28.0	30.5	31.8	31.6	31.7	33.2
Miscellaneous manufacturing	7.3	5.8	2.9	1.3	1.1	1.0	1.0
Transportation and public utilities	22.2	21.3	21.8	22.2	21.3	21.5	21.6
Wholesale trade	30.4	34.7	38.6	39.9	39.9	44.4	47.9
Retail trade	95.5	98.8	105.4	109.5	108.6	110.0	112.9
Finance, insurance and real estate	28.4	29.6	30.9	32.0	33.3	33.9	32.6
Services	155.9	167.1	180.6	184.4	185.0	198.1	210.4
Government c/	78.8	77.3	78.7	80.7	84.7	86.9	86.5
Federal	10.5	10.9	11.6	12.3	12.7	13.2	13.5
State and local	68.3	66.4	67.2	68.4	72.0	73.7	73.0
County	11.6	11.2	11.7	12.4	13.5	13.9	13.5
City	9.3	9.4	9.6	10.3	11.1	11.4	11.5
Other State and local d/	47.4	45.8	45.9	45.7	47.4	48.4	48.0
SANTA BARBARA-SANTA MARIA-LOMPOC							
Total	123.5	125.7	134.2	139.2	143.7	143.9	145.6
Mining	1.6	1.6	1.5	1.5	1.3	1.3	1.5
Construction b/	4.5	4.6	6.1	6.6	6.5	6.4	6.6
Manufacturing	20.7	21.6	23.7	23.7	23.8	22.0	22.0
Nondurable goods	3.5	3.2	3.2	3.4	3.6	3.6	3.5
Durable goods	17.2	18.4	20.5	20.3	20.3	18.4	18.5
Food and kindred products	1.4	1.2	1.1	1.1	1.0	0.9	0.9
Paper, printing and publishing	1.3	1.3	1.4	1.7	1.7	1.7	1.7
Other nondurable goods	0.8	0.7	0.7	0.7	0.9	1.0	0.9
Lumber and furniture	0.4	0.3	0.3	0.3	0.3	0.4	0.4
Primary and fabricated metals	0.7	0.7	0.8	0.7	0.7	0.7	0.7
Machinery (except electrical)	2.3	2.4	2.9	3.4	3.6	3.6	4.1
Electric and electronic equipment	6.4	7.1	7.4	6.4	6.2	6.0	5.7
Transportation equipment	4.2	4.6	5.9	6.0	5.9	4.0	3.8
Other durable goods	3.2	3.2	3.3	3.5	3.6	3.6	3.8
Transportation and public utilities	5.3	5.2	5.4	5.5	5.4	5.1	5.0
Wholesale trade	4.1	4.2	4.5	4.9	5.1	5.2	5.7
Retail trade	25.8	25.8	26.8	28.1	28.9	28.8	29.1
Finance, insurance and real estate	5.9	6.3	7.0	7.5	8.1	8.6	8.6
Services	31.2	32.0	34.3	35.9	38.1	39.4	40.0
Government c/	24.4	24.4	24.8	25.6	26.5	27.1	27.3
Federal	4.1	4.2	4.2	4.3	4.3	4.2	4.1
State and local	20.3	20.2	20.6	21.3	22.2	22.9	23.2
County	3.2	3.3	3.3	3.5	3.7	3.6	3.6
City	1.9	1.9	2.0	2.0	2.1	2.2	2.2
Other State and local d/	15.2	15.0	15.3	15.8	16.4	17.1	17.4

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
SANTA ROSA							
Total	95.2	98.1	108.5	114.4	118.3	124.1	127.8
Mining	0.6	0.6	0.7	0.6	0.6	0.7	0.7
Construction b/	4.6	4.9	6.5	7.2	7.9	8.3	8.6
Manufacturing	15.3	15.7	17.8	18.1	18.1	19.0	19.6
Nondurable goods	4.9	5.1	5.5	5.9	6.0	6.5	6.7
Durable goods	10.4	10.7	12.2	12.2	12.1	12.5	12.9
Food and kindred products	3.4	3.4	3.5	3.9	3.9	4.2	4.3
Other nondurable goods	1.5	1.6	2.0	2.0	2.1	2.3	2.4
Lumber and wood products	1.5	1.6	1.8	1.9	2.0	2.3	2.4
Primary and fabricated metals	0.4	0.4	0.5	0.5	0.5	0.4	0.4
Machinery and instruments	7.2	7.3	8.4	8.3	8.2	8.3	8.6
Other durable goods	1.3	1.4	1.5	1.6	1.5	1.5	1.6
Transportation and public utilities	4.7	4.9	5.3	5.7	5.6	5.9	5.8
Wholesale trade	3.8	4.1	4.6	5.2	5.3	5.3	5.5
Retail trade	20.0	20.5	23.1	24.3	25.5	26.8	27.3
Finance, insurance and real estate	6.1	6.5	7.1	7.6	8.0	8.3	8.5
Services	20.4	21.0	23.3	25.0	26.1	27.9	28.9
Government c/	19.9	19.8	20.1	20.8	21.3	22.1	22.8
Federal	1.3	1.2	1.3	1.4	1.7	1.8	1.9
State and local	18.6	18.6	18.8	19.4	19.6	20.2	20.9
County	3.7	3.7	3.8	4.0	4.2	4.3	4.4
City	1.4	1.4	1.5	1.5	1.6	1.7	1.7
Other State and local d/	13.5	13.5	13.6	13.9	13.9	14.3	14.7
STOCKTON							
Total	119.1	118.2	125.9	131.5	136.3	144.1	146.7
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction b/	5.1	5.6	6.7	7.3	8.0	8.4	8.4
Manufacturing	20.7	19.3	21.1	21.5	21.9	24.0	24.1
Nondurable goods	11.9	11.1	11.5	11.7	12.1	13.4	13.3
Durable goods	8.7	8.3	9.6	9.7	9.9	10.6	10.8
Food and kindred products	8.7	7.7	8.0	8.0	8.1	8.9	8.7
Paper, printing and publishing	1.5	1.5	1.6	1.8	1.8	2.0	2.1
Other nondurable goods	1.8	1.9	2.0	2.0	2.2	2.5	2.5
Lumber and wood products	1.9	2.1	2.2	2.1	2.1	2.2	2.3
Fabricated metal products	1.3	1.1	1.4	1.4	1.5	1.7	1.8
Machinery (except electrical)	0.9	0.9	1.0	1.0	1.0	1.0	1.0
Electric and electronic equipment	1.4	1.4	1.8	1.7	1.3	1.8	1.9
Transportation equipment	0.8	0.8	0.8	0.8	0.7	0.6	0.6
Other durable goods	2.5	2.1	2.4	2.7	3.1	3.3	3.2
Transporation and public utilities	7.9	7.8	8.3	8.7	8.5	8.8	8.9
Wholesale trade	7.0	6.8	6.9	7.0	6.8	7.2	7.4
Retail trade	20.6	20.8	22.3	23.6	24.8	26.2	26.8
Finance, insurance and real estate	6.0	6.2	7.4	7.8	8.2	8.8	8.8
Services	24.6	24.5	25.8	27.1	28.5	30.1	30.6
Government c/	27.1	27.0	27.3	28.5	29.6	30.7	31.6
Federal	5.3	5.4	5.3	5.4	5.6	5.8	5.7
State and local	21.8	21.6	22.0	23.2	24.0	24.9	25.8
County	4.4	4.4	4.9	5.2	5.4	5.6	5.9
City	2.3	2.3	2.4	2.5	2.6	2.7	2.7
Other State and local d/	15.1	14.8	14.8	15.5	16.0	16.6	17.2

TABLE C-6 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1988 a/ e/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988
VALLEJO-FAIRFIELD-NAPA							
Total	101.8	103.1	108.9	114.4	119.9	124.7	129.4
Mining	0.5	0.4	0.4	0.4	0.3	0.4	0.6
Construction b/	4.4	4.9	6.0	7.0	7.9	8.8	9.7
Manufacturing	10.9	10.2	10.4	11.1	11.8	11.6	12.2
Nondurable goods	6.9	6.9	7.2	7.9	8.4	8.2	8.8
Durable goods	4.0	3.3	3.2	3.2	3.4	3.4	3.4
Food and kindred products	4.1	4.2	4.4	4.9	5.3	5.3	5.8
Other nondurable goods	2.8	2.8	2.9	3.1	3.1	2.9	3.0
Transportation and public utilities	4.4	4.2	4.3	4.4	4.5	4.6	4.6
Wholesale trade	2.5	2.6	2.9	2.9	3.0	3.3	3.7
Retail trade	19.7	20.6	23.0	24.2	25.6	26.3	27.8
Finance, insurance and real estate	3.6	3.7	4.0	4.5	4.6	4.7	4.6
Services	20.8	21.3	23.0	24.2	26.0	28.0	28.5
Government c/	35.1	35.3	34.9	35.7	36.2	37.1	37.8
Federal	15.8	16.0	15.3	15.2	15.0	15.1	15.5
State and local	19.3	19.3	19.6	20.4	21.2	22.0	22.3
County	2.7	2.7	2.7	2.8	2.9	3.1	3.1
City	1.9	1.9	1.9	2.0	2.1	2.3	2.4
Other State and local d/	14.7	14.7	15.0	15.6	16.2	16.7	16.8

a/ Does not include employers, own-account workers, unpaid family workers, domestic servants and agricultural workers.
b/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.
c/ Includes all civilian employees of Federal, State and local governments regardless of the activity in which the employee is engaged.
d/ Includes all employees of State and local public schools.
e/ Detail may not add to totals due to independent rounding.

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TABLE C-7

WAGE AND SALARY EMPLOYEES IN AGRICULTURAL ESTABLISHMENTS, BY AREA, 1982 TO 1988 a/

County	1982	1983	1984	1985	1986	1987	1988
California b/	358,900	347,300	347,300	335,400	327,600	345,000	360,600
Alameda and Contra Costa	4,500	4,100	3,900	3,500	3,100	3,000	2,900
Amador	125	125	100	100	125	150	150
Butte	3,225	3,000	3,175	3,000	2,875	3,200	3,200
Calaveras	125	125	150	150	100	75	100
Colusa	2,425	2,200	2,375	2,075	1,950	2,075	2,125
Del Norte	525	500	500	450	450	425	450
Fresno	57,500	56,200	55,000	53,900	51,800	54,100	57,000
Glenn	2,525	2,150	1,925	1,800	1,600	1,700	1,725
Humboldt	725	700	750	800	900	1,000	900
Imperial	14,300	14,250	12,700	10,750	11,600	11,875	12,025
Inyo and Mono	125	200	150	125	125	75	75
Kern	31,800	30,500	29,200	27,500	27,000	28,400	27,100
Kings	6,550	6,150	6,550	5,950	5,925	4,525	5,200
Lake	825	750	775	825	825	850	7[illegible]
Lassen	175	250	275	300	300	250	[illegible]
Los Angeles	11,700	11,600	12,300	10,800	11,000	11,300	12,[illegible]
Madera	8,225	7,725	7,325	7,250	6,175	6,900	7,100
Mariposa	25	50	50	50	50	25	50
Mendocino	1,675	1,450	1,400	1,475	1,475	1,475	1,475
Merced	10,925	10,100	10,375	10,100	9,550	9,925	10,925
Modoc	575	525	450	350	300	300	300
Monterey	23,400	24,200	24,700	24,200	23,700	26,300	28,200
Napa-Solano	5,100	5,000	5,000	4,900	4,600	4,500	4,900
Nevada	50	50	50	75	75	75	75
Orange	7,700	9,000	8,700	9,000	8,600	8,600	8,100
Plumas	50	50	50	50	50	50	50
Riverside and San Bernardino	20,800	22,600	22,200	22,600	23,000	22,200	22,400
Sacramento, Placer, Yolo, El Dorado	9,300	7,700	8,700	8,100	7,600	8,500	8,900
San Benito	2,950	2,600	2,500	2,600	2,625	2,950	2,750
San Diego	13,900	13,600	12,300	11,900	11,800	12,400	11,900
San Francisco, San Mateo, Marin	3,600	3,800	3,900	3,700	3,600	3,600	3,600
San Joaquin	17,300	15,400	17,300	15,500	14,300	15,600	16,100
San Luis Obispo	1,900	1,900	2,000	1,950	1,800	2,050	2,200
Santa Barbara	8,800	8,700	8,900	8,400	8,000	8,300	9,500
Santa Clara	5,600	4,900	4,600	4,700	4,500	4,700	4,800
Santa Cruz	5,700	6,200	6,500	7,000	6,800	7,800	8,900
Shasta	975	975	1,325	1,175	1,025	1,150	1,125
Sierra	0	0	25	25	0	0	0
Siskiyou	1,100	1,050	950	1,000	900	775	775
Sonoma	4,400	4,500	4,600	4,400	4,300	4,500	4,700
Stanislaus	13,900	12,900	12,500	13,400	12,200	13,700	14,600
Sutter and Yuba	5,475	4,750	5,400	5,250	4,950	5,700	5,775
Tehama	1,175	1,075	1,100	1,075	1,025	1,075	1,125
Trinity	25	25	25	25	25	25	25
Tulare	30,100	29,500	27,550	27,200	27,975	29,100	29,900
Tuolumne	75	100	75	100	75	100	100
Ventura	15,700	14,900	13,800	14,500	14,600	15,600	16,700

a/ Employment reported by place of work. Does not include farmers or unpaid family workers.
b/ Includes employees not identifiable by county.

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TABLE C-3

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS, BY INDUSTRY, 1988 a/

Industry	Average weekly earnings	Average weekly hours	Average hourly earnings
Mineral extraction			
Metal mining	$481.32	38.2	$12.60
Oil and gas extraction	603.52	41.0	14.72
Nonmetallic minerals (except fuels)	663.64	41.4	16.03
Contract construction			
General building	714.07	36.6	19.51
Heavy construction	735.26	38.8	18.95
Special trades	620.38	34.6	17.93
Total manufacturing	442.00	40.7	10.86
Nondurable goods	401.60	40.0	10.04
Food and kindred products	434.62	39.8	10.92
Canned, cured, frozen fish	261.44	34.4	7.60
Meat products	364.75	40.8	8.94
Dairy products	535.99	40.3	13.30
Preserved fruits and vegetables	380.03	39.3	9.67
Grain mill products	583.00	44.1	13.22
Bakery products	517.76	38.9	13.31
Beverages	606.14	40.9	14.82
Textile mill products	306.16	44.5	6.88
Knitting mills	235.80	45.0	5.24
Floor covering mills	308.25	45.0	6.85
Apparel and other textile	241.88	38.7	6.25
Men's and boy's	228.76	38.0	6.02
Women's and misses'	241.92	38.4	6.30
Women's and children's undergarments	216.97	37.8	5.74
Children's outwear	237.60	40.0	5.94
Paper and allied products	516.01	42.4	12.17
Misc. converted paper	450.72	40.9	11.02
Paperboard containers	528.15	42.8	12.34
Printing and publishing	478.17	38.5	12.42
Newspapers	476.28	33.4	14.26
Commercial printing	512.08	39.3	13.03
Chemical and allied	482.98	41.0	11.78
Industrial inorganic	579.03	44.1	13.13
Plastics and synthetics	624.45	42.8	14.59
Drugs	401.32	39.5	10.16
Soap, cleaners, toilet	443.60	40.0	11.09
Paints, allied products	476.40	40.0	11.91
Agriculture chemicals	575.06	44.1	13.04
Petroleum and coal products	713.94	43.8	16.30
Petroleum refining	704.88	44.0	16.02
Rubber and misc. plastics	343.21	41.4	8.29
Tires and inner tubes	509.39	43.5	11.71
Rubber footwear and fabricated rubber	303.03	42.5	7.13
Misc. plastics products	346.49	41.2	8.41
Leather, leather products	238.64	37.7	6.33
Durable goods	465.25	41.1	11.32
Lumber and wood products (except furniture)	386.75	41.4	9.41
Logging camps, saw mills	488.49	42.7	11.44
Millwork and plywood	349.76	41.1	8.51
Wooden containers	283.71	38.6	7.35
Furniture and fixtures	337.74	40.4	8.36
Household furniture	301.10	40.2	7.49
Partitions and fixtures	497.34	40.5	12.28
Stone, clay and glass products	515.81	41.8	12.34
Glass and glass products	487.53	40.9	11.92
Cement, hydraulic	626.24	41.5	15 09
Structural clay products	381.61	41.3	9.24
Pottery and related	337.83	41.3	8.18
Concrete and plaster products	573.17	42.3	13.55
Primary metal industries	430.73	41.9	10.28
Blast furnace and steel	462.48	41.0	11.28
Iron and steel foundaries	402.12	41.8	9.62
Nonferous rolling and drawin	482.89	43.0	11.23
Nonferous foundaries	375.16	41.5	9.04
Fabricated metal products	422.24	41.6	10.15
Cans and shipping containers	590.75	42.5	13.90
Cutlery, hand tools, hardware	419.42	40.8	10.28
Plumbing and heating	334.55	40.7	8.22
Stuctural metal products	424.68	40.6	10.46
Screw machine products	465.52	44.0	10.58
Metal forging and stamping	452.40	42.8	10.57
Metal services, n.e.c.	338.24	40.9	8.27
Machinery, except electrical	476.60	40.7	11.71
Farm and garden machinery	356.61	39.8	8.96
Construction and related	462.99	40.9	11.32
Metalworking machinery	399.36	38.4	10.40
Special industry machinery	545.70	42.8	12.75
General industry machinery	410.40	40.0	10.26
Office, computing machinery	498.17	40.8	12.21
Refrigeration and service	421.02	40.6	10.37
Electrical equipment, supplies	477.30	40.9	11.67
Electric distribution equip.	506.34	41.3	12.26
Industrial apparatus	411.18	41.2	9.98
Household appliances	359.09	42.8	8.39
Lighting, wiring equipment	370.18	41.5	8.92
Radio and TV receiving equipment	387.60	44.5	8.71
Communications equipment	574.06	39.7	14.46
Electronic components, accessories	445.94	40.8	10.93
Transportation equipment	569.32	41.8	13.62
Motor vehicles, equipment	477.15	41.6	11.47
Aircraft and parts	607.13	41.9	14.49
Ship and boat building, repair	497.55	38.6	12.89
Guided missiles, space vehicle	583.01	42.9	13.59
Instruments and related	439.67	41.4	10.62
Measuring and controlling	459.82	41.5	11.08
Miscellaneous manufacturing	312.96	38.4	8.15
Toys and sporting goods	265.88	39.1	6.80
Transportation and utilities			
Electric, gas, sanitary services	746.20	41.0	18.20
Wholesale trade	442.36	38.2	11.58
Retail trade (excludes eating and drinking places)	300.70	31.0	9.70
Services			
Motion picture production	653.40	35.3	18.51

a/ Averages based on data for full- and part-time workers in production and related departments, such as shipping, maintenance and warehousing. Overtime hours and pay and premium wages for late-shift work are included.

Employment Development Department, Division of Employment Data and Research
Employer Reports Group (916) 427-4681

TABLE C-9

HOURS AND EARNINGS: PRODUCTION AND RELATED WORKERS IN MANUFACTURING, CALIFORNIA, 1986 TO 1988 a/

	1986	1987	1988
Total manufacturing			
Average weekly hours	40.3	40.3	40.7
Average weekly earnings	$417.91	$433.63	$442.00
Average hourly earnings	$10.37	$10.76	$10.86
Excluding canning:			
Overtime hours	3.4	3.6	3.8
Gross hourly earnings	$10.40	$10.79	$10.91
Excluding overtime	$9.98	$10.33	$10.43
Nondurable goods			
Average weekly hours	39.3	39.6	40.0
Average weekly earnings	$378.46	$386.89	$401.60
Average hourly earnings	$9.63	$9.77	$10.04
Excluding canning:			
Overtime hours	3.3	3.6	3.7
Gross hourly earnings	$9.65	$9.79	$10.10
Excluding overtime	$9.27	$9.36	$9.66
Durable goods			
Average weekly hours	40.8	40.7	41.0
Average weekly earnings	$427.18	$458.28	$465.25
Average hourly earnings	$10.76	$11.26	$11.32
Overtime hours	3.5	3.5	3.8
Gross hourly earnings	$10.76	$11.26	$11.32
Excluding overtime	$10.32	$10.79	$10.82

a/ Averages based on data for full and part-time workers in production and related departments such as shipping, maintanence and warehousing. Average weekly hours include overtime hours: hours in excess of regular hours and for which overtime premiums are paid.

Employment Development Department
Division of Employment Data and Research.
Employer Reports Group.
(916) 427-4681

TABLE C-10

WORKERS' COMPENSATION PLANS AND BENEFITS, CALIFORNIA, 1985 AND 1986 a/ ($1,000)

	1985	1986
Workers' Compensation Insurance Carriers b/		
Payroll insured	$140,487,072	$149,597,986
Total incurred losses c/	3,120,072	2,880,122
Incurred medical costs	1,362,609	1,354,488
Incurred indemnity for:		
Death		
Cases	840	556
Amount	$47,256	$37,084
Permanent disability d/		
Cases	90,540	89,124
Amount	$1,574,967	$1,347,710
Temporary disability		
Cases	180,051	174,282
Amount	$135,240	$140,840
Self insurers e/		
Payroll	$39,992,409	$39,628,798
Total incurred losses	483,146	553,495
Incurred medical costs	230,404	262,469
Incurred indemnity	252,741	291,027

a/ Losses originating under policies effective in a given year are assigned to that year regardless of accident date.
b/ Excludes experience of self-insured employers.
c/ Losses incurred are ultimate loss costs: amount paid as of valuation date and estimated future payments.
d/ Includes both temporary and permanent disability indemnity costs in cases involving permanent disability.
e/ There were approximately 1,187 private self-insured employers in 1986.

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 557-2180

TABLE C-11

DISABLING NONFATAL WORK INJURIES AND ILLNESSES UNDER WORKERS' COMPENSATION, BY INDUSTRY, CALIFORNIA, 1986 TO 1988 a/

Industry	1986	1987	1988
Total	406,276	400,344	436,894
Agriculture, forestry and fishing	19,446	19,728	21,752
Mining	1,872	1,728	1,694
Construction	46,496	48,636	51,906
Manufacturing	76,984	74,366	81,492
Transportation and utilities	24,126	24,296	27,920
Wholesale trade	22,036	22,378	24,988
Retail trade	73,186	68,112	73,830
Finance, insurance and real estate	9,526	9,606	10,188
Services	67,858	69,296	75,372
State and local government	64,746	62,198	67,752

a/ Disability causing absence from work for a full day or shift beyond the day of the occurrence. Excludes injuries to employees not covered by the California Workers' Compensation Act, such as maritime workers, Federal employees and railroad workers in interstate commerce.

TABLE C-12

OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES BY INDUSTRY CALIFORNIA, 1987

Industry	Incidence rates per 100 full-time workers a/		
	Total cases b/	Lost workday cases	Cases without lost workdays
All industries	9.2	4.5	4.7
Private Sector	8.8	4.4	4.5
Agriculture, forestry, and fishing c/	11.4	5.7	5.8
Mining	9.4	5.4	4.0
Construction	16.7	8.3	8.3
Manufacturing	10.4	4.9	5.5
Transportation and public utilities	10.3	6.0	4.3
Wholesale and retail trade	9.4	4.6	4.7
Wholesale trade	8.9	4.6	4.3
Retail trade	9.5	4.6	4.9
Finance, insurance, and real estate	3.0	1.4	1.6
Services	6.4	3.2	3.2
State and local government	11.8	5.6	6.1

a/ Incidence rates represent the number of injuries and illnesses per 100 full-time employees and were calculated as N x 200,000/(EH) where N = number of occupational injuries, illnesses, or lost workdays; EH = total hours worked by all employees during 1987; and 200,000 = 100 full-time equivalent workers (40 hours per week, 50 weeks per year).
b/ Includes fatalities.
c/ Excludes farms with fewer than 11 employees.

Source agency for Tables C-11 and C-12:
Department of Industrial Relations
Division of Labor Statistics and Research, (415) 557-2180

TABLE C-13

EMPLOYMENT SERVICES PROVIDED TO APPLICANTS, CALIFORNIA, 1987-88

Activity	Total applicants		Percent of						
	Number	Percent	Females	Under age 22	Age 45 and over	Veterans	Minority group	Migrants and seasonal farm-workers	Eligible unemployment insurance claimants
Applicants available	1,121,368	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Referred to jobs:	536,794	47.9	44.4	55.0	41.2	48.1	53.0	59.7	38.9
Nonagricultural	508,285	45.3	42.9	52.8	38.5	47.6	48.4	18.1	36.6
Agricultural	43,821	3.9	2.1	3.4	3.9	2.5	6.0	45.4	3.3
Placed in jobs:	277,433	24.7	21.5	35.7	18.7	23.6	28.2	45.0	17.1
Nonagricultural	253,936	22.6	20.4	33.8	16.5	23.1	24.3	8.8	15.3
Over 3 days	228,460	20.4	19.2	30.8	14.6	19.9	22.2	7.6	14.0
Over 150 days	160,921	14.4	13.0	17.8	11.2	15.7	14.9	4.1	11.1
3 days or less	39,953	3.6	1.7	4.4	3.0	5.6	3.3	1.5	2.1
Agricultural	27,752	2.5	1.3	2.2	2.6	1.1	4.3	37.5	2.1
Over 3 days	22,832	2.0	1.2	1.9	2.1	0.7	3.6	31.7	1.8
Over 150 days	5,521	0.5	0.3	0.4	0.5	0.4	0.7	4.4	0.5
3 days or less	5,902	0.5	0.1	0.4	0.7	0.4	0.9	7.5	0.3
Counseled	11,234	1.0	0.8	0.2	1.8	2.6	0.9	0.8	1.2
Tested	2,851	0.3	0.4	0.1	0.3	0.3	0.3	0.1	0.3
Enrolled in training	2,332	0.2	0.2	0.1	0.4	0.4	0.2	0.1	0.3
Provided some servic	597,928	53.3	48.9	58.0	49.7	62.0	58.2	67.0	45.0

Employment Development Department
Employment Data and Research Division
Operating Reports Group
(916) 427-4919

TABLE C-14

REGISTERED APPRENTICES ACTIVE IN SELECTED TRADES ON JUNE 30, 1988 AND COMPLETIONS IN CALIFORNIA DURING 1987-88 a/ b/

Trade	Number of apprentices Active on June 30, 1988	Completed in 1987-88	Trade	Number of apprentices Active on June 30, 1988	Completed in 1987-88
All apprentices	42,771	5,828	Line maintainer	498	70
			Lithographer	159	28
Selected trades b/	39,200	4,975			
			Machinist, general	412	81
Acoustical installer	113	3	Maintenance, mechanic	111	20
Air conditioning mechanic	136	17	Meat cutter, retail	338	134
Asbestos worker	242	38	Mill and cabinet maker	348	46
Auto mechanic	770	166	Millwright	252	31
Body repairer, auto	102	14			
Bricklayer	392	81	Operating engineer	1,679	275
			Painter	218	18
Carpenter	6,794	674	Painter, decorator and		
Cement mason	635	83	paper hanger	1,344	165
Computer peripheral			Pipefitter	174	58
operator programmer	440	60	Plasterer	332	54
Cook	195	31	Plumber	1,411	255
Correctional officer	5,887	39	Psychiatric technician	589	91
Drywall/lather	1,674	214			
			Refrigeration and air		
Electrical repairer	136	24	conditioning mechanic	290	42
Electrician, construction	1,965	390	Roofer	1,265	85
Electrician, powerhouse	172	19	Sheet metal energy		
Electronics, technician	102	51	management technician	101	4
Emergency medical technici	112	3	Sheet metal worker	1,114	212
			Sprinkler fitter	388	39
Fire apparatus engineer	426	57	State Park ranger	111	18
Fire fighter	577	44	Stationary engineer	206	7
Fire medic	351	70	Steam fitter	200	33
Floor coverer	493	39	Surveyor	458	86
Floor layer, hardwood	112	10			
Glazier, construction	316	39	Taper	571	64
Group worker	402	32	Tile setter	496	55
			Tile setter, finisher	382	98
Hazardous material responde	101	0	Tool and die maker	151	34
Hazardous material technicia	100	22	Traffic officer	590	227
Insulating carpenter	117	3	Truck mechanic	165	51
Iron Worker	1,020	271	Welder, combination	202	27
Lather	325	54	Youth counselor	334	12
Line erector	104	7			

a/ A registered apprentice is an employed worker who has entered into a written apprentice agreement with a joint apprenticeship committee of a single employer sponsor whose program has been approved by the Division of Apprenticeship Standards.

b/ The occupations listed are those with 100 or more active apprentices as of June 30, 1988.

Department of Industrial Relations
Division of Apprenticeship Standards
(415) 557-2950

TABLE C-15

REGISTERED APPRENTICES, BY ETHNIC ORIGIN CALIFORNIA, 1984 TO 1988

(As of December)

	1984	1985	1986	1987	1988
Total active apprentices	32,211	33,608	38,794	42,799	45,143
Women					
Number	3,040	2,771	3,662	4,514	4,896
Percent	9.4	8.2	9.4	10.5	10.8
By ethnic group:					
Caucasian (other than Mexican and other Spanish American)					
Number	21,914	22,607	25,682	27,477	28,058
Percent	68.0	67.3	66.2	64.2	62.2
All minorities					
Number	10,297	11,001	13,112	15,322	17,085
Percent	32.0	32.7	33.8	35.8	37.8
Mexican American and other Spanish					
Number	5,635	6,133	7,376	8,586	9,870
Percent	17.5	18.2	19.1	20.1	21.9
Black					
Number	2,691	2,809	3,460	4,201	4,682
Percent	8.4	8.4	8.9	9.8	10.4
American Indian					
Number	735	714	777	832	826
Percent	2.3	2.1	2.0	1.9	1.8
Asian and Pacific Islander					
Number	940	988	1,081	1,186	1,173
Percent	2.9	2.9	2.8	2.8	2.6
Filipino					
Number	296	357	418	517	534
Percent	0.9	1.1	1.1	1.2	1.2

Department of Industrial Relations
Division of Apprenticeship Standards
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TABLE C-16

UNION MEMBERS IN CALIFORNIA BY ECONOMIC AREA, 1985 AND 1987

(As of July: in thousands)

	1985	1987
Total	2,152.7	2,240.2
North Coast	11.5	13.3
Sacramento Valley	84.9	128.2
Mountain	35.1	41.3
San Francisco Bay (9 counties)	613.3	607.4
San Francisco - Oakland	452.1	445.8
Santa Clara County	115.1	114.0
Napa and Solano counties	24.9	25.1
Sonoma County	21.2	22.5
Central Coast	54.6	55.6
San Joaquin Valley	155.1	167.5
Santa Barbara and Ventura counties	48.7	52.3
Los Angeles County	782.1	788.9
Orange County	140.2	149.8
San Diego County	116.9	115.6
Imperial, Riverside and San Bernardino counties	110.3	120.3

Counties included in each area:
North Coast: Del Norte, Humboldt, Lake, and Mendocino.
Sacramento Valley: Butte, Colusa, Glenn, Sacramento, Sutter, Tehama, Yolo and Yuba.
Mountain: Alpine, Amador, Calaveras, El Dorado, Inyo, Lassen, Mariposa, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Trinity and Tuolumne.
San Francisco Bay: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma.
San Francisco-Oakland: Alameda, Contra Costa, Marin, San Francisco and San Mateo.
Central Coast: Monterey, San Benito, San Luis Obispo and Santa Cruz.
San Joaquin Valley: Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare.

Department of Industrial Relations
Division of Labor Statistics and Research
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TABLE C-17

UNION MEMBERS BY INDUSTRY, CALIFORNIA, SELECTED YEARS

Industry	1977		1979		1981		1983		1985		1987	
	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women
Number of locals	3,412	---	3,257	---	3,197	---	2,877	---	2,791	---	2,844	---
Total	2,160,600	26	2,263,300	28	2,230,000	28	2,076,700	29	2,152,700	31	2,240,200	29
Manufacturing	555,500	25	556,400	29	518,900	28	452,200	28	442,200	28	458,200	27
Food and kindred products	149,400	37	153,700	42	143,500	41	131,300	41	130,600	39	143,100	35
Textiles and apparel	14,700	69	16,000	74	13,700	68	11,900	66	12,600	68	9,000	69
Lumber and furniture	39,600	10	39,500	10	34,200	10	28,700	11	28,800	12	29,600	9
Paper and allied products	24,200	24	21,100	30	18,000	29	19,100	24	18,000	25	17,700	20
Printing and publishing	27,200	17	27,300	17	25,800	20	23,200	20	22,900	18	30,800	21
Petroleum, chemicals, and rubber	26,800	9	25,500	11	22,100	12	19,900	12	16,500	13	15,100	13
Stone, clay, and glass products	19,800	20	20,400	25	18,600	26	16,200	28	14,400	25	15,300	22
Metals and machinery except transportation equipment and ordnance	146,000	17	132,500	21	124,600	22	107,300	21	97,100	22	86,900	26
Transportation equipment and ordnance	97,200	21	112,600	26	111,200	21	88,900	21	96,100	23	106,600	26
Other manufacturing a/	10,600	48	7,800	56	7,200	49	5,700	49	5,200	54	4,100	57
Nonmanufacturing	1,605,100	27	1,706,900	28	1,711,100	29	1,624,500	29	1,710,500	31	1,782,000	30
Construction	332,200	c/	350,500	c/	349,900	1	309,300	1	309,400	2	313,200	2
Transportation and warehousing	199,700	14	197,600	18	182,900	13	167,000	18	161,100	20	159,300	16
Public utilities	119,000	32	150,700	35	147,300	41	147,900	39	159,100	40	156,800	40
Wholesale and retail trade	303,800	33	325,700	34	334,500	36	319,600	34	305,500	36	321,500	37
Eating and drinking places, hotels, other lodging places	96,300	53	92,600	52	86,700	49	80,200	47	75,500	52	63,300	52
Motion picture production and distribution, theaters, and other entertainment	93,200	25	110,300	24	112,300	27	108,100	27	111,500	27	121,800	23
Miscellaneous services b/	120,900	57	125,200	61	134,700	63	133,900	58	138,700	63	133,100	64
Government	296,800	35	309,100	35	318,600	35	311,800	36	405,800	39	472,000	30
Agriculture, fishing and mineral extraction	43,200	32	45,200	30	44,200	31	46,700	27	43,900	28	41,000	28

a/ Includes leather and leather products, instruments and related products, and miscellaneous manufacturing industries.
b/ Includes finance, insurance, and real estate; personal services; business services; and professional, educational and related services.
c/ Less than one-half of 1 percent.

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TABLE C-18

MAJOR CALIFORNIA UNION SETTLEMENTS, 1987 AND 1988 a/

	All major agreements		Agreements negotiated in 1987 b/	Percent of workers under agreements negotiated in 1987	Agreements to be negotiated in 1988 c/	Percent of workers under agreements negotiated in 1988
	Number	Workers				
All industries	497	1,189,411	154	28	183	39
Manufacturing	136	232,181	46	41	42	31
Canning and preserving	14	28,960	4	16	7	77
Apparel and other textile products	2	3,250	0	0	2	100
Lumber and wood products, except furniture	3	1,650	0	0	2	64
Furniture and fixtures	4	5,550	2	66	2	34
Petroleum refining and related industries	8	8,100	0	0	8	100
Fabricated metal products	11	9,200	1	6	4	47
Electrical equipment and supplies	5	14,700	0	0	3	89
Other manufacturing industries	2	1,760	0	0	2	100
Nonmanufacturing	361	957,230	108	24	141	40
Construction-general contractors	30	216,260	5	5	14	50
Construction-special trade contractors	48	75,560	18	35	18	46
Trucking and warehousing	17	45,740	5	12	12	88
Electric, gas and sanitary services	12	36,130	3	28	6	66
Wholesale trade	21	30,870	5	15	14	81
Retail trade and liquor stores	30	118,810	2	46	11	23
Retail trade except food and automobiles	8	11,770	2	15	3	53
Finance, insurance and real estate	4	5,100	1	31	3	69
Eating and drinking places, hotels and other lodging places	26	53,500	8	40	5	22
Business services	11	12,580	4	20	4	60
Motion pictures	38	88,230	5	14	27	73
Professional, educational and related services	25	46,880	12	45	6	24
Government	7	15,490	1	10	4	73

a/ Settlements covering 500 or more California workers in industries with two or more contracts and a minimum 20 percent of all industry workers covered in 1988 settlements.

b/ Excludes workers covered by agreements which had negotiations scheduled for 1987 that had not been concluded by March 1, 1988.

c/ Includes workers covered by agreements which had negotiations scheduled for 1987 that had not been concluded by March 1, 1988.

Department of Industrial Relations
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(415) 557-2180

SECTION D

GROSS STATE PRODUCT, INCOME AND COST-OF-LIVING

This section presents data on Gross State Product, business and personal income and the Consumer Price Index.

Gross state product estimates were released in 1988 by the U.S. Department of Commerce, Bureau of Economic Analysis, for the period 1963 through 1986. The estimates are prepared on an industry or gross product originating basis, and are shown in both current and constant dollars.

Estimates of personal income received by residents of each state are prepared annually by the Regional Economics Information System, Bureau of Economic Analysis, United States Department of Commerce. Quarterly estimates of personal income in California, comparable to the United States Department of Commerce series, are prepared by the California Department of Finance.

Data on business and personal taxable income are compiled by the California Franchise Tax Board's Statistical Systems Bureau. It should be noted that much of the state's personal income is received by persons who had insufficient amounts of gross income and net income to necessitate their filing State returns or who are exempt from State taxation. Conversely, there are items of taxable income which are not included in the personal income concept, such as gains from the sale of assets. Therefore, the data reported on California personal income tax returns are not strictly comparable to those estimates of total personal income reported by the Department of Commerce.

The Consumer Price Index is published for three areas in California, the Los Angeles-Anaheim-Riverside CMSA (Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties), the San Francisco-Oakland-San Jose CMSA (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties), and the San Diego MSA (San Diego County). The index is also published for California and the United States.

The indexes for the United States, San Diego, San Francisco- Oakland-San Jose, and Los Angeles- Anaheim-Riverside are compiled by the United States Bureau of Labor Statistics. The index for California is computed by the California Department of Industrial Relations, Division of Labor Statistics and Research, as a weighted average of the Los Angeles-Anaheim-Riverside, San Francisco-Oakland-San Jose, and from 1965-1986, San Diego indexes.

TABLE D-1

CALIFORNIA GROSS STATE PRODUCT, 1963 TO 1986
(Millions of dollars)

Year	Current Dollars	Constant 1982 $	Deflator 1982=100	Annual Percent Change Cur $	1982 $	Deflator
1963	65,905	210,153	31.4	--	--	--
1964	70,928	220,848	32.1	7.6	5.1	2.4
1965	75,887	229,125	33.1	7.0	3.7	3.1
1966	83,006	240,495	34.5	9.4	5.0	4.2
1967	88,653	245,762	36.1	6.8	2.2	4.5
1968	97,995	257,843	38.0	10.5	4.9	5.4
1969	105,766	264,621	40.0	7.9	2.6	5.2
1970	111,631	263,933	42.3	5.5	-0.3	5.8
1971	119,192	265,600	44.9	6.8	0.6	6.1
1972	132,199	281,159	47.0	10.9	5.9	4.8
1973	146,473	293,735	49.9	10.8	4.5	6.1
1974	160,979	298,408	53.9	9.9	1.6	8.2
1975	179,858	304,518	59.1	11.7	2.0	9.5
1976	201,536	320,160	62.9	12.1	5.1	6.6
1977	227,590	338,040	67.3	12.9	5.6	7.0
1978	260,296	359,603	72.4	14.4	6.4	7.5
1979	293,600	374,928	78.3	12.8	4.3	8.2
1980	325,171	380,221	85.5	10.8	1.4	9.2
1981	354,905	378,436	93.8	9.1	-0.5	9.7
1982	372,541	372,541	100.0	5.0	-1.6	6.6
1983	408,216	390,528	104.5	9.6	4.8	4.5
1984	456,874	420,525	108.6	11.9	7.7	3.9
1985	496,850	444,082	111.9	8.7	5.6	3.0
1986	533,816	464,550	114.9	7.4	4.6	2.7

Source: U.S. Department of Commerce
Bureau of Economic Analysis

Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE D-2

CALIFORNIA GROSS STATE PRODUCT, SELECTED YEARS
(Millions of dollars)

	1965	1970	1975	1980	1984	1985	1986
Total	75,887	111,631	179,858	325,171	456,874	496,850	533,816
Private Industries	66,114	94,921	154,075	286,751	404,014	438,746	471,786
Agriculture, Forestry, and Fishing	2,446	3,080	6,113	10,888	11,492	11,516	11,282
Farms	2,055	2,474	4,918	8,523	8,370	8,390	7,963
Agricultural services, forestry, fishing	391	606	1,194	2,365	3,122	3,126	3,319
Mining	868	994	2,123	6,035	7,726	7,452	5,927
Metal mining	28	53	27	86	62	84	110
Coal mining	3	8	11				
Oil and gas extraction	705	785	1,845	5,416	7,061	6,736	5,217
Nonmetallic minerals	135	156	247	523	593	618	580
Construction	4,206	5,447	8,243	16,265	19,668	21,563	23,855
Manufacturing	16,153	21,816	32,444	59,025	88,697	93,772	97,680
Durable goods	10,294	13,780	20,218	39,769	60,057	64,013	66,095
Lumber and wood products	648	781	1,105	1,904	2,146	2,114	2,376
Furniture and fixtures	282	357	542	1,104	1,587	1,640	1,656
Stone, clay, and glass	587	716	1,031	1,804	2,117	2,213	2,416
Primary metal industries	655	814	1,142	2,061	1,955	1,793	1,888
Fabricated metal products	1,073	1,611	2,302	4,509	5,549	5,635	5,531
Machinery, except electric	1,173	2,011	3,395	7,154	9,824	10,214	10,113
Electric, electronic equipment	2,005	3,010	4,256	9,521	16,554	18,916	19,115
Motor vehicles	742	661	711	971	1,803	1,692	1,546
Transportation equip. excl. motor vehicles	2,458	2,941	4,221	7,569	13,373	14,364	15,798
Instruments	440	521	944	2,142	3,414	3,739	4,014
Misc. manufacturing	231	357	568	1,029	1,736	1,693	1,644
Nondurable goods	5,859	8,036	12,226	19,256	28,640	29,759	31,584
Food and kindred	2,255	2,978	4,742	6,334	8,071	8,278	8,356
Tobacco	1	1					
Textile mill products	88	144	209	301	362	373	432
Apparel	374	551	954	1,584	2,113	2,096	2,327
Paper	363	528	783	1,311	1,782	1,859	1,984
Printing and publishing	789	1,124	1,664	3,209	4,810	5,163	5,490
Chemicals	754	990	1,458	2,318	3,543	3,553	3,734
Petroleum	889	1,121	1,529	2,641	5,944	6,443	7,088
Rubber and plastics	312	536	788	1,396	1,882	1,868	2,058
Leather	35	62	99	161	133	126	115
Transportation, Communication and Utilities	6,476	9,497	14,701	24,629	36,678	39,579	41,928
Transportation	2,812	4,154	6,136	10,582	13,814	14,597	15,441
Railroads	524	598	689	1,066	1,395	1,362	1,367
Interurban passenger transit	206	245	324	517	684	773	787
Trucking and warehousing	1,044	1,475	2,349	4,071	5,103	5,392	5,627
Water transportation	331	396	481	718	1,043	1,148	1,232
Transportation by air	529	1,165	1,796	3,090	3,623	3,722	4,073
Pipelines	12	19	26	112	152	201	196
Transportation services	168	256	472	1,007	1,813	2,000	2,158
Communication	2,022	3,102	4,827	8,335	12,651	13,552	14,188
Electric, gas, and sanitary	1,642	2,242	3,739	5,712	10,213	11,430	12,299
Wholesale trade	5,147	7,411	13,187	23,313	33,185	36,081	38,711
Retail trade	8,261	11,856	18,511	32,221	47,077	51,514	55,216
Finance, Insurance and Real Estate	12,459	18,980	32,405	60,846	74,384	82,435	93,790
Banking	1,133	1,797	2,381	5,590	7,647	7,413	7,335
Other credit agencies	141	136	309	945	2,013	2,514	3,072
Holding companies	298	379	533	1,118	2,989	4,143	5,518
Insurance carriers	782	1,192	1,712	4,038	3,796	4,385	6,209
Insurance agents, brokers	392	547	887	1,816	2,583	2,976	3,516
Real estate	9,713	14,929	26,583	47,338	55,354	61,004	68,139
Services	10,098	15,840	26,347	53,529	85,108	94,833	103,397
Hotels	495	752	1,144	2,121	2,943	3,282	3,562
Personal services	835	1,040	1,336	2,427	3,161	3,690	3,956
Business services	1,577	2,666	4,767	11,593	21,536	24,285	27,030
Auto repair	603	916	1,625	3,286	4,590	5,054	5,395
Miscellaneous repair	259	355	629	1,529	2,325	2,274	2,202
Motion pictures	707	985	1,453	2,709	4,138	4,661	4,881
Recreation	557	733	1,118	1,952	3,158	3,671	4,034
Health services	2,244	4,059	6,974	13,694	21,341	23,674	25,766
Legal services	498	774	1,485	2,965	5,645	6,395	7,374
Educational services	355	649	1,127	1,733	2,535	2,748	2,628
Social services/membership	663	1,021	1,629	3,024	4,093	4,351	4,657
Miscellaneou professional	936	1,426	2,501	5,619	8,414	9,494	10,595
Private households	370	463	561	876	1,227	1,255	1,315
Government	9,773	16,710	25,783	38,420	52,860	58,104	62,029
Federal civilian	1,960	3,268	4,702	7,059	9,705	10,544	10,742
Federal military	1,665	3,054	4,113	5,667	8,602	9,217	9,406
State and local	6,148	10,388	16,969	25,694	34,553	38,343	41,881

Source: U.S. Department of Commerce, Bureau of Economic Analysis
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-3

CALIFORNIA REAL GROSS STATE PRODUCT, SELECTED YEARS
(Millions of 1982 dollars)

	1965	1970	1975	1980	1984	1985	1986
Total	229,125	263,933	304,518	380,221	420,525	444,082	464,550
Private Industries	193,975	221,797	260,986	334,596	373,711	395,551	415,016
Agriculture, Forestry, and Fishing	6,832	7,101	7,975	10,764	10,187	11,776	11,964
Farms	5,536	5,708	6,343	8,348	7,384	8,819	8,830
Agricultural services, forestry, fishing	1,295	1,393	1,632	2,415	2,803	2,957	3,133
Mining	7,251	7,878	7,530	7,726	8,584	8,186	7,404
Metal mining	86	137	60	80	70	87	102
Coal mining	5	10	12				
Oil and gas extraction	6,843	7,388	7,117	7,120	7,979	7,527	6,755
Nonmetallic minerals	322	353	350	516	524	555	524
Construction	23,499	17,799	16,100	19,091	18,262	19,201	20,285
Manufacturing	39,535	45,377	51,179	69,156	86,819	92,593	96,290
Durable goods	25,631	29,081	32,542	46,435	61,327	66,972	69,962
Lumber and wood products	1,674	1,630	1,744	2,086	1,916	1,906	2,073
Furniture and fixtures	657	662	839	1,310	1,510	1,464	1,406
Stone, clay, and glass	1,538	1,584	1,668	2,000	1,994	2,029	2,117
Primary metal industries	2,014	2,071	1,762	2,158	1,869	1,757	1,899
Fabricated metal products	3,039	3,909	3,510	5,141	5,628	5,563	5,323
Machinery, except electric	2,861	4,071	5,216	7,871	13,204	15,910	17,743
Electric, electronic equipment	3,451	4,808	5,659	10,857	16,025	18,276	18,415
Motor vehicles	1,253	1,084	1,205	1,226	1,739	1,598	1,390
Transportation equip. excl. motor vehicles	7,635	7,503	8,459	10,242	12,394	13,117	14,117
Instruments	890	912	1,493	2,462	3,215	3,558	3,790
Misc. manufacturing	619	847	986	1,084	1,835	1,794	1,687
Nondurable goods	13,903	16,296	18,637	22,721	25,492	25,621	26,328
Food and kindred	4,387	4,898	5,840	6,878	7,364	7,458	7,349
Tobacco	1	2	1	1			
Textile mill products	131	198	221	323	348	350	395
Apparel	752	855	1,388	1,859	2,075	2,021	2,192
Paper	811	1,024	1,140	1,396	1,688	1,718	1,773
Printing and publishing	2,299	2,596	2,910	3,754	4,172	4,228	4,269
Chemicals	1,366	1,785	1,908	2,553	3,430	3,281	3,448
Petroleum	3,407	3,877	3,898	4,214	4,405	4,560	4,810
Rubber and plastics	658	945	1,154	1,567	1,871	1,868	1,975
Leather	92	117	177	177	139	137	117
Transportation, Communication and Utilities	15,988	21,144	24,823	29,962	33,181	34,261	35,236
Transportation	8,158	10,235	11,067	13,000	12,750	13,011	13,838
Railroads	1,689	1,676	1,419	1,398	1,258	1,243	1,247
Interurban passenger transit	723	655	646	670	574	614	623
Trucking and warehousing	2,885	3,530	4,217	4,767	4,851	4,784	5,011
Water transportation	848	910	822	840	1,049	1,086	1,183
Transportation by air	1,399	2,748	3,131	3,945	3,073	3,143	3,515
Pipelines	47	68	74	122	167	191	207
Transportation services	568	648	757	1,258	1,778	1,951	2,051
Communication	3,543	5,261	6,661	9,822	11,503	11,693	11,721
Electric, gas, and sanitary	4,287	5,647	7,095	7,140	8,927	9,556	9,677
Wholesale trade	13,163	16,505	20,833	25,675	31,605	34,461	37,115
Retail trade	23,040	25,438	29,326	37,739	44,052	46,270	49,030
Finance, Insurance and Real Estate	32,647	41,798	56,709	71,220	65,690	69,142	74,259
Banking	3,256	3,739	4,278	6,197	6,609	6,659	6,697
Other credit agencies	358	271	386	897	1,354	1,411	1,627
Holding companies	901	1,175	1,155	1,720	2,576	2,762	3,193
Insurance carriers	1,929	2,186	2,512	3,117	3,420	3,802	4,367
Insurance agents, brokers	1,361	1,544	1,824	2,187	2,299	2,585	2,945
Real estate	24,841	32,883	46,555	57,103	49,431	51,922	55,431
Services	32,022	38,758	46,512	63,262	75,331	79,661	83,433
Hotels	1,797	2,029	2,175	2,536	2,492	2,582	2,564
Personal services	2,538	2,567	2,464	2,872	2,832	3,127	3,251
Business services	5,068	7,030	8,888	14,156	19,077	20,033	21,550
Auto repair	1,743	2,182	2,787	3,812	4,294	4,586	4,728
Miscellaneous repair	787	777	1,006	1,466	1,854	1,934	1,779
Motion pictures	1,742	2,097	2,438	3,079	3,586	3,820	3,958
Recreation	1,375	1,416	1,651	2,169	2,911	3,272	3,439
Health services	7,779	10,072	12,489	16,389	19,331	20,493	21,537
Legal services	2,080	2,476	2,940	3,677	4,445	4,843	5,204
Educational services	1,070	1,326	1,655	1,963	2,226	2,312	2,103
Social services/membership	1,917	2,243	2,632	3,480	3,694	3,767	3,926
Miscellaneou professional	2,827	3,380	4,396	6,682	7,377	7,668	8,123
Private households	1,300	1,163	991	982	1,211	1,225	1,269
Government	35,150	42,137	43,531	45,625	46,814	48,532	49,534
Federal civilian	7,899	9,051	8,086	8,511	8,736	9,043	9,073
Federal military	6,713	8,457	7,073	6,833	7,742	7,905	7,944
State and local	20,539	24,629	28,373	30,280	30,336	31,584	32,517

Source: U.S. Department of Commerce, Bureau of Economic Analysis
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-4

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1950 TO 1988
(In millions)

Year	Wages and salaries	Other labor income	Proprietors' income		Property income	Transfer payments	Less: Contribution for social insurance	Residence adjustment	Total personal income
			Farm	Nonfarm					
1950	$12,337	$259	$755	$2,733	$2,544	$1,450	$283	-$10	$19,786
1951	14,791	337	1,013	3,048	2,792	1,239	337	-33	22,849
1952	16,719	400	1,088	3,242	3,024	1,308	383	-38	25,360
1953	18,068	461	968	3,416	3,384	1,412	419	-40	27,249
1954	18,309	502	909	3,462	3,880	1,570	490	-66	28,077
1955	20,081	591	993	3,866	4,299	1,712	561	-73	30,907
1956	22,346	701	1,040	4,114	4,496	1,849	636	-76	33,835
1957	23,820	814	939	4,361	5,096	2,149	738	-75	36,366
1958	24,849	877	817	4,455	5,397	2,641	817	-76	38,144
1959	27,549	1,025	859	4,821	5,857	2,749	939	-80	41,842
1960	29,168	1,106	865	4,794	6,333	3,121	1,085	-95	44,207
1961	30,770	1,204	806	5,102	6,634	3,601	1,171	-84	46,862
1962	33,260	1,354	905	5,421	7,166	3,832	1,277	-82	50,580
1963	35,674	1,531	852	5,631	7,770	4,221	1,479	-71	54,129
1964	38,273	1,758	999	6,156	8,576	4,592	1,592	-71	58,691
1965	40,751	1,948	915	6,409	9,419	5,068	1,712	-18	62,779
1966	44,914	2,164	1,006	6,709	10,093	5,679	2,225	-18	68,322
1967	48,141	2,333	921	7,035	10,837	6,860	2,521	-16	73,590
1968	52,824	2,723	1,059	7,712	11,290	7,844	2,785	-18	80,647
1969	57,917	3,108	966	8,053	12,494	9,035	3,154	-18	88,401
1970	61,230	3,473	979	8,219	13,520	10,978	3,353	-7	95,039
1971	63,908	3,802	965	8,872	14,244	12,637	3,564	2	100,865
1972	69,895	4,486	1,391	9,987	15,031	13,716	4,174	9	110,341
1973	76,904	5,100	2,021	10,853	16,849	15,172	5,135	21	121,784
1974	84,419	5,903	2,549	11,769	18,977	17,919	5,376	34	136,194
1975	90,834	7,038	2,003	13,280	19,810	22,288	5,731	178	149,700
1976	100,631	8,515	2,042	16,217	21,722	24,852	6,562	290	167,708
1977	112,559	10,424	2,110	18,093	24,312	26,859	7,373	149	187,133
1978	128,656	12,150	2,391	20,947	29,596	29,157	8,092	132	214,938
1979	146,684	14,006	3,246	22,695	35,577	32,119	9,664	112	244,775
1980	163,730	16,110	4,108	22,249	42,294	37,393	9,881	104	276,107
1981	182,172	17,706	3,550	21,344	52,025	43,659	11,885	161	308,731
1982	193,183	19,661	2,949	21,419	55,579	47,895	12,827	172	328,033
1983	207,021	21,546	2,967	25,401	59,218	50,638	14,556	203	352,438
1984	229,740	23,094	3,549	29,642	66,935	52,252	16,252	223	389,183
1985	250,463	24,158	4,013	32,768	71,780	57,691	18,532	267	422,608
1986	269,730	25,961	4,578	36,302	74,870	61,589	20,294	236	452,973
1987	294,617	28,279	4,796	40,314	80,241	65,082	22,189	254	491,393
1988	319,609	30,593	4,317	43,213	88,310	69,768	25,117	275	530,968

a/ Detail may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of Economic Analysis

Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE D-5

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1981 TO 1988

(In millions)

	1981	1982	1983	1984	1985	1986	1987	1988
Wages and salaries a/	$182,172	$193,183	$207,021	$229,740	$250,463	$269,730	$294,617	$319,609
Farm	1,453	1,705	1,637	1,599	1,600	1,608	1,725	1,754
Mining	1,409	1,528	1,572	1,717	1,721	1,524	1,466	1,605
Construction	10,306	9,654	9,594	11,435	12,958	14,293	15,857	17,543
Manufacturing	40,651	42,715	45,359	50,033	53,679	55,874	59,214	62,970
Transportation-utilities	12,897	13,480	14,219	15,094	16,052	16,874	17,594	18,236
Trade	31,103	32,445	34,795	39,249	42,862	46,151	48,840	54,065
Finance-insurance-real estat	11,712	12,698	14,408	16,050	18,226	21,485	24,791	26,782
Services	36,162	40,063	44,506	50,603	55,470	60,515	69,798	77,558
Government	35,063	37,430	39,380	42,228	46,003	49,372	53,008	56,510
Federal civilian	7,049	7,347	7,868	8,263	8,794	8,909	9,305	9,851
Military	4,550	5,257	5,582	5,983	6,346	6,608	6,812	7,008
State and local	23,464	24,826	25,930	27,982	30,863	33,855	36,891	39,651
Other industries	1,416	1,465	1,550	1,732	1,891	2,034	2,324	2,586
Other labor income a/	17,706	19,661	21,546	23,094	24,158	25,961	28,279	30,593
Proprietors' income a/	24,894	24,368	28,368	33,192	36,781	40,881	45,110	47,530
Farm	3,550	2,949	2,967	3,549	4,013	4,578	4,796	4,317
Nonfarm	21,344	21,419	25,401	29,642	32,768	36,302	40,314	43,213
Property income b/	52,025	55,579	59,218	66,935	71,780	74,870	80,241	88,310
Dividends	7,305	7,564	8,127	9,142	9,439	10,410	11,141	12,391
Interest	41,544	44,876	47,803	54,889	59,099	61,096	65,607	71,915
Rent	3,175	3,139	3,288	2,904	3,242	3,364	3,492	4,005
Transfer payments b/	43,659	47,895	50,638	52,252	57,691	61,589	65,082	69,768
Less: contributions for social insurance a/	11,885	12,827	14,556	16,252	18,532	20,294	22,189	25,117
Residence adjustment	161	172	203	223	267	236	254	275
Total personal income b/	$308,731	$328,033	$352,438	$389,183	$422,608	$452,973	$491,393	$530,968

a/ Place of work
b/ Place of residence
Note: Detail may not add to total because of rounding.
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

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TABLE D-6

PERSONAL INCOME BY COUNTY, 1980 TO 1987

(In millions)

County	1980	1981	1982	1983	1984	1985	1986	1987
Total a/	$276,106.6	$308,730.9	$328,032.7	$352,438.2	$389,182.9	$422,607.7	$454,086.1	$493,547.4
Alameda	13,092.7	14,738.8	15,696.3	17,008.6	18,867.3	20,275.5	21,471.8	22,959.8
Alpine	9.2	10.6	12.2	12.2	14.4	15.4	16.5	17.1
Amador	188.3	205.1	214.0	238.8	265.2	292.7	319.0	353.9
Butte	1,297.5	1,450.3	1,489.0	1,585.2	1,736.0	1,875.3	2,020.5	2,198.7
Calaveras	184.4	206.0	214.2	233.9	265.9	294.0	329.6	355.9
Colusa	178.3	216.8	168.9	174.7	182.3	205.3	209.4	221.5
Contra Costa	8,785.0	9,886.1	10,529.0	11,615.4	12,728.6	13,924.1	15,010.8	16,194.6
Del Norte	168.9	175.6	163.4	176.6	184.8	190.5	201.4	214.5
El Dorado	885.0	973.3	1,030.2	1,148.1	1,268.1	1,428.1	1,595.6	1,765.7
Fresno	5,455.0	5,791.5	5,943.8	6,250.6	6,813.4	7,428.6	7,869.1	8,689.7
Glenn	252.4	268.0	240.3	239.6	259.1	278.3	290.6	308.5
Humboldt	1,044.7	1,107.6	1,123.5	1,208.7	1,289.3	1,371.1	1,479.1	1,616.5
Imperial	888.2	934.9	983.1	1,032.5	1,055.8	1,085.6	1,136.4	1,242.6
Inyo	178.0	199.0	204.6	216.6	225.8	235.0	244.8	261.0
Kern	4,321.3	4,695.8	4,998.6	5,235.6	5,723.1	6,224.1	6,667.8	7,019.8
Kings	774.6	799.0	806.8	828.6	902.6	942.5	959.3	1,130.5
Lake	349.4	396.3	437.8	479.0	524.3	559.9	603.3	647.8
Lassen	186.1	200.8	213.7	227.0	246.7	263.7	280.7	300.6
Los Angeles	88,053.0	98,106.7	103,953.2	109,980.6	120,917.2	130,394.8	139,492.1	151,919.1
Madera	670.1	668.1	664.8	652.0	727.7	771.1	864.7	982.5
Marin	3,813.8	4,284.5	4,661.5	5,015.7	5,576.1	6,056.3	6,416.5	6,872.4
Mariposa	99.1	108.0	116.9	134.4	143.0	157.5	168.6	178.0
Mendocino	650.2	698.6	718.0	775.5	839.2	900.8	965.5	1,036.9
Merced	1,268.5	1,310.1	1,362.0	1,419.2	1,651.1	1,788.2	1,945.1	2,142.3
Modoc	106.3	98.4	99.7	109.4	110.7	106.7	108.4	119.1
Mono	92.6	104.2	118.0	119.6	123.4	130.8	138.8	148.1
Monterey	3,178.0	3,601.6	3,803.1	4,174.1	4,481.9	4,826.1	5,159.5	5,537.8
Napa	1,145.6	1,275.7	1,358.8	1,450.1	1,568.0	1,712.0	1,822.6	1,942.0
Nevada	497.8	572.1	606.3	677.3	771.6	867.0	959.1	1,051.2
Orange	25,407.5	28,833.7	30,612.7	32,941.3	36,655.7	40,169.6	43,555.0	47,585.8
Placer	1,308.1	1,455.2	1,541.6	1,729.3	1,904.7	2,136.6	2,360.2	2,587.6
Plumas	161.4	178.1	180.9	201.0	216.7	232.7	248.0	269.5
Riverside	7,104.1	8,010.7	8,489.9	9,392.2	10,513.8	11,674.0	13,030.2	14,487.4
Sacramento	8,310.2	9,271.7	9,886.0	10,571.1	11,673.0	12,912.8	14,033.1	15,349.2
San Benito	246.3	269.5	289.6	321.4	357.4	391.9	430.5	464.0
San Bernardino	8,757.8	9,905.2	10,382.6	11,371.1	12,511.4	13,987.5	15,609.5	17,456.1
San Diego	19,917.7	22,625.1	24,349.5	26,292.7	29,154.1	32,190.3	34,936.9	38,021.1
San Francisco	9,793.5	11,048.8	11,832.0	12,804.2	14,196.7	15,304.1	16,078.7	17,159.2
San Joaquin	3,634.5	3,982.4	4,168.3	4,347.8	4,814.0	5,215.1	5,602.2	6,108.5
San Luis Obispo	1,443.5	1,651.6	1,762.0	2,151.8	2,297.8	2,469.8	2,682.6	2,933.7
San Mateo	8,595.9	9,667.1	10,422.0	11,251.3	12,525.8	13,341.5	14,064.4	15,071.5
Santa Barbara	3,563.0	4,031.3	4,337.9	4,719.6	5,228.0	5,696.0	6,046.5	6,446.3
Santa Clara	16,910.5	19,034.4	20,781.7	22,625.9	25,384.3	27,071.3	28,480.9	30,436.5
Santa Cruz	2,087.0	2,345.1	2,497.1	2,764.7	3,069.5	3,323.7	3,588.9	3,881.0
Shasta	1,074.1	1,163.2	1,233.6	1,335.0	1,470.3	1,572.6	1,700.3	1,878.2
Sierra	28.4	30.0	31.9	34.5	37.8	41.1	44.4	48.3
Siskiyou	386.1	406.3	410.5	439.1	460.4	478.5	505.7	544.9
Solano	2,402.7	2,684.1	2,850.2	3,121.5	3,379.4	3,749.2	4,082.1	4,456.5
Sonoma	3,430.8	3,877.7	4,089.6	4,547.5	5,042.1	5,556.0	6,040.7	6,553.4
Stanislaus	2,577.1	2,851.7	2,994.6	3,123.9	3,442.3	3,743.3	4,037.3	4,441.8
Sutter	557.4	636.7	609.8	625.1	684.1	743.3	763.1	812.1
Tehama	331.7	360.1	386.3	409.9	436.5	467.8	497.0	532.7
Trinity	95.5	103.5	105.6	117.8	127.1	135.8	146.4	157.0
Tulare	2,283.4	2,437.3	2,557.7	2,660.6	2,923.0	3,122.7	3,375.7	3,780.7
Tuolumne	308.1	341.9	360.9	388.7	433.2	481.9	535.5	584.5
Ventura	5,940.7	6,670.1	7,114.6	7,857.9	8,663.1	9,495.6	10,401.6	11,393.3
Yolo	1,239.1	1,331.5	1,377.5	1,423.2	1,623.6	1,775.7	1,916.6	2,082.1
Yuba	396.5	443.7	444.4	449.0	494.4	526.6	545.7	596.4

a/ Sum of the counties. Income amounts are not comparable to those shown in Table D-5 or D-6 because of data revisions.
Note: Detail may not add to totals because of rounding. Source: U.S.Department of Commerce, Bureau of Economic Analysis

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TABLE D-7

PER CAPITA PERSONAL INCOME BY COUNTY, 1980 TO 1987

(Residence Adjusted)

County	1980	1981	1982	1983	1984	1985	1986	1987
Total a/	$11,603	$12,724	$13,236	$13,926	$15,096	$16,033	$16,818	$17,841
Alameda	11,796	13,094	13,770	14,681	16,024	16,969	17,749	18,774
Alpine	8,263	9,235	10,236	10,483	12,700	13,023	12,901	14,220
Amador	9,645	10,085	10,285	11,162	11,937	12,613	13,274	13,979
Butte	8,952	9,736	9,747	10,202	10,969	11,545	12,226	13,013
Calaveras	8,786	9,341	9,145	9,557	10,428	11,067	11,794	11,989
Colusa	13,856	16,473	12,217	12,430	12,944	14,073	14,117	14,950
Contra Costa	13,332	14,798	15,478	16,776	18,143	19,470	20,574	21,737
Del Norte	9,215	9,367	8,835	9,485	10,028	10,208	10,618	11,085
El Dorado	10,200	10,772	10,923	11,933	12,794	13,746	14,725	15,517
Fresno	10,544	10,988	11,039	11,336	12,047	12,897	13,463	14,545
Glenn	11,745	12,174	10,794	10,534	11,440	12,118	12,690	13,455
Humboldt	9,584	10,005	10,179	10,958	11,597	12,256	13,136	14,224
Imperial	9,564	9,767	9,998	10,243	10,285	10,260	10,628	11,345
Inyo	9,938	11,079	11,097	11,731	12,374	12,899	13,643	14,570
Kern	10,627	11,181	11,473	11,635	12,345	12,978	13,536	13,914
Kings	10,436	10,515	10,323	10,255	10,925	11,103	11,217	12,929
Lake	9,466	10,149	10,730	11,134	11,517	11,737	12,364	12,883
Lassen	8,514	8,892	9,096	9,572	10,254	10,835	11,277	11,490
Los Angeles	11,735	12,918	13,427	13,945	15,118	16,037	16,727	17,863
Madera	10,473	9,923	9,575	9,078	9,947	10,300	11,205	12,492
Marin	17,098	19,090	20,765	22,251	24,785	26,933	28,317	30,181
Mariposa	8,822	9,233	9,709	10,882	11,153	11,846	12,343	12,698
Mendocino	9,692	10,222	10,310	10,983	11,709	12,299	13,036	13,836
Merced	9,349	9,367	9,506	9,564	10,801	11,308	12,066	12,919
Modoc	12,240	10,966	10,765	11,588	11,566	11,270	11,692	12,958
Mono	10,686	11,609	12,538	12,712	13,685	14,413	15,241	16,040
Monterey	10,865	12,001	12,392	13,258	13,884	14,653	15,280	16,141
Napa	11,531	12,791	13,419	14,259	15,365	16,578	17,458	18,476
Nevada	9,450	10,094	10,096	10,891	11,939	12,815	13,599	14,265
Orange	13,057	14,460	15,104	15,976	17,558	18,886	20,030	21,444
Placer	11,049	11,859	12,173	13,386	14,278	15,488	16,525	17,399
Plumas	9,243	9,935	9,832	10,965	11,683	12,171	12,876	13,781
Riverside	10,615	11,573	11,827	12,621	13,500	14,264	15,138	15,836
Sacramento	10,542	11,500	11,884	12,400	13,428	14,499	15,352	16,238
San Benito	9,775	10,396	10,747	11,555	12,320	12,890	13,581	14,049
San Bernardino	9,694	10,591	10,694	11,331	12,067	12,922	13,737	14,496
San Diego	10,616	11,727	12,316	13,005	14,053	15,095	15,843	16,633
San Francisco	14,382	16,070	16,991	18,139	19,852	20,957	21,745	23,174
San Joaquin	10,376	11,024	11,175	11,288	12,099	12,569	13,045	13,774
San Luis Obispo	9,199	10,162	10,511	12,444	12,791	13,132	13,739	14,529
San Mateo	14,614	16,374	17,561	18,654	20,551	21,683	22,849	24,237
Santa Barbara	11,879	13,250	13,985	14,839	16,168	17,196	17,965	18,909
Santa Clara	13,004	14,431	15,561	16,633	18,421	19,373	20,315	21,510
Santa Cruz	11,022	12,098	12,644	13,671	14,884	15,616	16,528	17,507
Shasta	9,205	9,635	10,085	10,765	11,586	12,049	12,839	13,849
Sierra	9,217	9,616	9,551	10,224	11,171	12,070	13,118	14,044
Siskiyou	9,654	9,916	9,852	10,509	10,955	11,223	11,957	12,807
Solano	10,116	10,902	11,164	11,910	12,682	13,652	14,215	14,893
Sonoma	11,375	12,560	13,006	14,162	15,462	16,628	17,568	18,510
Stanislaus	9,617	10,341	10,624	10,762	11,621	12,304	12,827	13,567
Sutter	10,595	11,803	11,013	10,966	12,001	12,781	12,927	13,457
Tehama	8,472	8,970	9,374	9,735	10,155	10,620	11,171	11,692
Trinity	7,965	8,309	8,417	9,198	9,633	10,099	10,881	11,670
Tulare	9,229	9,609	9,851	9,968	10,703	11,154	11,817	12,968
Tuolumne	8,999	9,654	9,878	10,319	11,216	11,883	12,627	13,092
Ventura	11,152	12,222	12,680	13,677	14,750	15,808	16,975	18,133
Yolo	10,894	11,580	11,708	11,954	13,485	14,357	15,308	16,179
Yuba	7,958	8,861	8,657	8,633	9,370	9,803	10,077	10,746

a/ State data revised subsequent to release of county data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Department of Finance, Financial and Economic Research (916) 322-2263

TABLE D-8

PERSONAL INCOME TAX RETURNS: NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS CALIFORNIA, 1987 INCOME YEAR a/

Adjusted gross income class	Resident returns			Nonresident returns			Total returns		
	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)
No adjusted gross income	621,279	($2,991,220)	$3,265	4,280	($2,254,255)	$378	625,559	($5,245,475)	$3,643
$1 under $1,000	141,347	83,380	0	8,729	796	0	150,076	84,176	0
1,000 under 2,000	261,789	393,341	27	6,113	9,452	6	267,902	402,793	33
2,000 under 3,000	302,558	762,681	139	6,041	14,879	0	308,599	777,560	139
3,000 under 4,000	302,207	1,057,149	82	7,021	24,609	5	309,228	1,081,758	87
4,000 under 5,000	290,947	1,307,684	39	6,461	28,967	15	297,408	1,336,651	54
5,000 under 6,000	331,961	1,829,740	87	10,043	56,216	0	342,004	1,885,956	87
6,000 under 7,000	329,292	2,139,050	622	12,532	81,498	42	341,824	2,220,548	664
7,000 under 8,000	317,078	2,374,995	2,026	9,625	71,603	69	326,703	2,446,598	2,095
8,000 under 9,000	308,141	2,620,692	4,582	13,861	117,056	272	322,002	2,737,748	4,854
9,000 under 10,000	299,734	2,847,844	9,273	12,294	117,030	249	312,028	2,964,874	9,522
10,000 under 11,000	295,076	3,096,681	11,514	8,020	83,749	236	303,096	3,180,430	11,750
11,000 under 12,000	299,487	3,443,115	17,801	11,695	135,043	476	311,182	3,578,158	18,277
12,000 under 13,000	282,574	3,537,124	20,605	11,992	149,819	500	294,566	3,686,943	21,105
13,000 under 14,000	263,997	3,559,760	24,859	9,176	123,740	760	273,173	3,683,500	25,619
14,000 under 15,000	255,415	3,704,334	29,791	10,562	153,058	560	265,977	3,857,392	30,351
15,000 under 16,000	275,192	4,270,571	39,602	11,093	172,098	805	286,285	4,442,669	40,407
16,000 under 17,000	248,539	4,102,844	41,162	10,227	169,706	835	258,766	4,272,550	41,997
17,000 under 18,000	251,535	4,397,701	50,087	8,716	151,498	827	260,251	4,549,199	50,914
18,000 under 19,000	248,114	4,589,463	55,264	8,297	153,582	626	256,411	4,743,045	55,890
19,000 under 20,000	231,905	4,520,375	58,824	9,473	185,660	839	241,378	4,706,035	59,663
20,000 under 21,000	230,784	4,732,182	65,251	8,746	179,932	1,687	239,530	4,912,114	66,938
21,000 under 22,000	202,015	4,340,750	63,857	14,829	318,310	2,406	216,844	4,659,060	66,263
22,000 under 23,000	203,147	4,571,470	73,230	10,930	245,579	1,919	214,077	4,817,049	75,149
23,000 under 24,000	181,378	4,262,769	70,343	8,677	202,611	1,298	190,055	4,465,380	71,641
24,000 under 25,000	203,370	4,977,102	90,483	6,409	157,848	1,991	209,779	5,134,950	92,474
25,000 under 26,000	185,072	4,715,684	88,218	4,807	123,420	1,141	189,879	4,339,104	89,359
26,000 under 27,000	181,063	4,802,149	96,727	8,482	224,657	2,248	189,545	5,026,806	98,975
27,000 under 28,000	173,766	4,782,144	95,673	7,738	212,704	1,674	181,504	4,994,848	97,347
28,000 under 29,000	177,218	5,050,252	99,828	4,617	131,474	1,184	181,835	5,181,726	101,012
29,000 under 30,000	173,059	5,104,266	114,252	4,706	138,962	1,189	177,765	5,243,228	115,441
30,000 under 35,000	781,483	25,330,636	575,314	29,481	964,792	10,115	810,964	26,295,428	585,429
35,000 under 40,000	637,060	23,784,664	607,440	22,307	832,634	10,163	659,367	24,617,298	617,603
40,000 under 50,000	918,995	41,017,582	1,168,481	35,021	1,560,012	20,166	954,016	42,577,594	1,188,647
50,000 under 60,000	603,929	33,026,147	1,084,467	22,206	1,201,329	18,880	626,135	34,227,476	1,103,347
60,000 under 70,000	389,525	25,217,444	969,765	15,402	992,057	20,997	404,927	26,209,501	990,762

TABLE D-8 (Continued)

PERSONAL INCOME TAX RETURNS: NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS CALIFORNIA, 1987 INCOME YEAR a/

Adjusted gross income class	Resident returns			Nonresident returns			Total returns		
	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)
70,000 under 80,000	247,295	18,465,608	797,830	11,169	840,169	17,357	258,464	19,305,777	815,187
80,000 under 90,000	141,107	11,944,982	541,879	7,545	649,817	11,233	148,652	12,594,799	553,112
90,000 under 100,000	90,344	8,552,017	427,374	8,265	777,804	17,891	98,609	9,329,821	445,265
100,000 under 150,000	164,765	19,609,487	1,092,125	16,401	1,970,301	34,711	181,166	21,579,788	1,126,836
150,000 under 200,000	53,253	9,136,166	576,572	9,710	1,685,357	17,135	62,963	10,821,523	593,707
200,000 under 300,000	43,042	10,368,105	717,073	5,969	1,438,647	19,780	49,011	11,806,752	736,853
300,000 under 400,000	15,022	5,158,983	388,073	3,884	1,341,640	14,782	18,906	6,500,623	402,855
400,000 under 500,000	7,418	3,300,321	250,990	1,400	619,450	7,604	8,818	3,919,771	258,594
500,000 under 1,000,000	11,162	7,559,174	596,019	2,365	1,585,333	17,605	13,527	9,144,507	613,624
1,000,000 and over	5,317	14,044,042	1,139,976	3,777	17,917,249	34,203	9,094	31,961,291	1,174,179
Total	12,178,756	$355,501,430	$12,160,891	471,094	$36,057,892	$296,859	12,649,850	$391,559,322	$12,457,750

a/ Includes returns received through approximately the end of December of the succeeding year. Table D-9 is derived from all current year returns before audit. Table D-8 is based on a random stratified sample prepared by the Research Bureau of the Franchise Tax Board. Tables D-8 and D-9 are not strictly comparable.
b/ For resident returns AGI represents California AGI, while for nonresident returns AGI represents total AGI.

Franchise Tax Board
Research Section
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TABLE D-9

PERSONAL INCOME TAX STATISTICS BY COUNTY, 1987 INCOME YEAR c/

County	All taxable and nontaxable returns				Joint returns			
	Number of returns	Adjusted gross income (Thousands)	Median income Median	Rank	Number of returns	Median income Median	Rank	Tax assessed (Thousands)
Alameda	531,994	$15,743,682	$21,973	8	210,608	$40,543	6	$520,286
Alpine	232	5,308	19,077	19	122	29,500	27	109
Amador	10,228	249,729	19,157	18	5,994	28,153	32	6,364
Butte	62,090	1,060,444	14,778	51	31,335	24,449	46	33,715
Calaveras	9,624	229,421	18,282	27	5,723	26,271	40	5,745
Colusa	5,909	123,826	14,703	52	3,186	22,513	54	3,700
Contra Costa	318,436	11,548,681	26,117	1	151,252	45,270	2	425,593
Del Norte	6,569	121,629	13,850	55	3,572	23,754	49	2,576
El Dorado	42,151	1,116,111	19,845	14	23,259	30,887	20	30,811
Fresno	225,092	4,967,665	14,689	53	108,550	26,013	41	137,870
Glenn	8,586	172,585	14,984	50	4,693	23,307	50	4,054
Humboldt	43,592	953,613	15,926	43	21,178	28,077	33	25,530
Imperial	35,897	679,813	12,421	58	20,619	17,898	58	16,093
Inyo	7,476	168,858	17,660	31	3,860	27,939	34	4,401
Kern	175,640	4,171,279	17,178	34	90,659	29,019	28	110,617
Kings	26,644	555,912	15,797	44	14,397	25,407	43	13,128
Lake	16,984	338,599	15,778	45	9,425	22,038	56	7,550
Lassen	8,053	187,985	19,583	16	4,671	28,646	29	4,437
Los Angeles	3,332,835	99,557,621	18,714	23	1,303,264	33,878	14	3,665,706
Madera	26,706	569,232	15,574	47	15,290	24,719	45	13,433
Marin	95,187	4,188,093	25,696	2	37,175	50,508	1	197,015
Mariposa	5,041	107,958	16,126	39	2,681	24,967	44	2,521
Mendocino	29,604	642,199	15,975	42	14,755	26,710	36	16,982
Merced	53,692	1,076,218	14,518	54	28,442	23,248	51	25,778
Modoc	2,841	55,443	16,066	40	1,654	23,184	52	1,271
Mono	3,529	81,739	17,168	35	1,471	30,347	22	2,168
Monterey	116,888	3,142,490	17,956	28	54,900	29,854	26	98,404
Napa	42,570	1,242,976	21,054	10	20,639	35,032	11	40,201
Nevada	26,133	666,133	19,034	20	14,799	28,293	30	18,097
Orange	982,342	33,055,827	22,580	7	433,577	42,841	5	1,186,911
Placer	64,345	1,894,313	21,776	9	34,998	35,595	9	56,695
Plumas	6,934	154,579	17,889	29	4,002	27,165	35	3,607
Riverside	333,191	8,811,236	18,885	21	173,461	30,812	21	244,541
Sacramento	392,616	10,359,786	20,039	13	172,837	34,871	12	300,654
San Benito	12,453	305,181	16,922	36	6,433	29,941	25	8,258
San Bernardino	417,711	11,063,501	20,548	11	214,223	33,576	16	287,790
San Diego	903,367	25,404,140	19,397	17	403,146	33,816	15	803,386
San Francisco	362,730	10,361,644	18,827	22	100,030	31,698	19	419,972
San Joaquin	165,006	3,927,259	17,263	32	80,955	30,336	23	109,670
San Luis Obispo	74,188	1,854,098	18,382	26	36,956	30,182	24	50,576
San Mateo	285,061	10,995,158	25,387	3	121,285	44,822	4	455,994
Santa Barbara	140,022	4,239,032	19,706	15	62,218	34,537	13	149,429
Santa Clara	643,029	22,308,784	25,137	4	272,694	45,269	3	831,353
Santa Cruz	96,353	2,615,430	18,421	25	41,625	32,970	17	83,598
Shasta	51,906	1,165,241	15,989	41	28,259	26,453	39	30,162
Sierra	1,171	26,063	18,489	24	659	26,568	38	617
Siskiyou	15,992	320,772	15,544	48	8,858	23,792	48	7,533
Solano	112,764	3,208,280	23,485	5	57,416	37,879	8	85,957
Sonoma	154,826	4,335,715	20,464	12	71,266	35,549	10	134,737
Stanislaus	125,583	2,941,165	16,619	38	63,801	28,287	31	81,297
Sutter	21,897	487,621	15,693	46	11,904	25,558	42	12,982
Tehama	14,733	291,736	15,443	49	8,320	23,123	53	6,591
Trinity	4,260	87,941	16,636	37	2,500	24,265	47	1,890
Tulare	95,815	1,914,452	13,530	56	51,974	22,094	55	46,477
Tuolumne	16,934	387,566	17,719	30	9,443	26,677	37	9,483
Ventura	253,269	7,982,988	22,691	6	126,601	39,550	7	253,052
Yolo	51,568	1,342,219	17,207	33	23,164	32,204	18	39,364
Yuba	17,347	304,951	13,383	57	9,199	20,986	57	6,059
Unallocated a/	149,900	3,757,508	15,677	---	58,578	33,824	---	109,351
Resident out-of-state b/	98,749	3,437,600	18,353	---	38,573	32,232	---	150,002
Nonresident	225,326	16,084,504	27,344	---	129,125	39,910	---	163,100
Total	11,561,611	$349,151,532	$19,900	---	5,066,253	$34,795	---	$11,565,243

a/ Unable to determine county of residence from tax returns. b/ Resident returns filed with out-of-state address. c/ Table D-9 is derived from all current returns before audit. D-8 is based on a random stratified sample. The two are not strictly comparable.

TABLE D-10

BANK AND CORPORATION FRANCHISE TAX RETURNS, STATE NET INCOME, AND TAX ASSESSED BY STATE NET INCOME CLASS, 1987 INCOME YEAR a/

Net income taxable in California b/	Number of returns	Net income reported to State for taxation b/ ($1,000)	Tax assessed ($1,000)
Net loss	164,933	($16,991,016)	$47,489
No income or loss	53,745	0	68,009
$1 under $5,000	81,186	152,762	22,009
5,000 under 10,000	30,819	224,001	19,832
10,000 under 15,000	20,258	250,551	21,468
15,000 under 20,000	14,801	257,302	23,575
20,000 under 25,000	11,773	263,973	22,568
25,000 under 30,000	9,575	262,569	22,479
30,000 under 40,000	14,206	493,030	42,224
40,000 under 50,000	10,767	482,397	41,793
50,000 under 60,000	8,330	455,445	39,361
60,000 under 70,000	5,829	377,579	32,446
70,000 under 80,000	4,575	342,237	29,240
80,000 under 90,000	3,562	302,056	25,892
90,000 under 100,000	2,887	273,764	23,376
100,000 under 150,000	8,302	1,007,580	83,928
150,000 under 200,000	3,859	665,005	54,168
200,000 under 250,000	2,451	547,301	44,141
250,000 under 300,000	1,671	456,847	36,268
300,000 under 400,000	2,240	778,135	62,283
400,000 under 500,000	1,444	643,418	51,278
500,000 under 750,000	1,974	1,205,869	97,030
750,000 under 1,000,000	1,084	934,090	73,440
1,000,000 under 1,500,000	1,174	1,427,144	113,020
1,500,000 under 2,000,000	613	1,062,025	85,569
2,000,000 under 3,000,000	656	1,616,073	130,903
3,000,000 under 4,000,000	317	1,098,183	90,989
4,000,000 under 5,000,000	219	978,215	80,918
5,000,000 under 10,000,000	438	3,036,753	259,052
10,000,000 and over	498	28,904,927	2,000,648
Total	464,186	$31,508,215	$3,745,396

a/ Includes bank and corporation franchise tax returns received through December of the succeeding year. Returns for a given income year include those for the calendar years and fiscal years ended therein (i.e., 1987 includes January 31, 1987 through December 31, 1987 accounting periods). Excludes corporation income tax returns.
b/ As allocated to State for tax purposes.

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TABLE D-11

BANK AND CORPORATION FRANCHISE TAX RETURNS AND STATE NET INCOME, BY INDUSTRY, 1987 INCOME YEAR a/

(Income in $1,000)

Industry	Corporations reporting net income subject to state taxation		All reporting corporations	
	Number	Net income	Number	Net income less net loss
Agriculture, forestry and fisheries	4,710	$493,361	8,892	$219,164
Mining	1,065	$503,333	3,143	$132,644
Crude petroleum and natural gas production	638	214,482	1,921	(58,076)
Other mining and quarrying	427	288,851	1,222	190,720
Construction	18,231	$1,584,630	34,374	$918,740
Manufacturing	24,648	$15,237,781	46,951	$11,356,955
Beverages, food, and kindred products	1,390	1,391,385	2,662	1,194,569
Textile-mill products	274	92,634	445	71,706
Apparel and products made from fabric	1,464	373,430	2,729	263,194
Wood products, except furniture	793	378,593	1,405	303,955
Furniture and fixtures	790	145,977	1,433	103,197
Paper and allied products	656	338,203	1,365	258,165
Printing, publishing, and allied industries	2,736	953,305	5,175	774,089
Chemicals and allied products	1,257	1,509,717	2,234	1,343,618
Petroleum, coal, and rubber products	1,342	1,424,554	2,631	1,079,343
Stone, clay, and glass products	640	302,320	1,114	217,773
Primary metals	362	183,760	643	111,770
Electrical machinery and equipment	2,894	2,709,427	6,280	1,436,447
Transportation equipment	848	1,988,268	1,741	1,873,538
Other equipment	1,561	1,063,204	3,030	812,102
Precision equipment	801	766,160	1,707	592,333
Other fabricated metal products	4,635	916,441	7,706	616,397
Other manufacturing b/	2,205	700,403	4,651	304,759
Services	107,616	$7,158,545	196,883	$3,505,031
Motion picture production	4,736	232,993	9,390	(111,331)
Amusement services	4,390	1,587,742	9,447	1,377,340
Personal services	2,181	101,290	4,403	52,829
Business services	17,443	1,147,217	35,985	(110,229)
Professional services c/	39,424	1,891,661	57,599	1,646,418
Other services	39,442	2,197,642	80,059	650,004
Trade	48,555	$7,926,494	93,115	$4,594,439
Retail trade	25,607	4,273,703	49,745	2,944,001
Wholesale trade	22,948	3,652,791	43,370	1,650,438
Finance, Insurance, and Real Estate	35,409	$10,837,274	70,331	$6,571,965
Banks	610	1,446,745	1,044	719,157
Savings & loan assns & other financials d/	1,186	1,632,438	2,372	617,655
Real estate companies	26,036	4,238,147	50,740	2,688,975
Investment and insurance companies	7,577	3,519,944	16,175	2,546,178
Utilities	5,274	$4,757,812	10,497	$4,209,277
Transportation e/	3,203	689,550	6,095	452,136
Communications	180	196,158	435	136,456
Radio and television industries	211	343,622	486	226,943
Electric and gas utilities	532	3,377,626	937	3,344,511
Other public utilities f/	1,148	150,856	2,544	49,231
Total	245,508	$48,499,230	464,186	$31,508,215

a/ Includes bank and corporation franchise tax returns received through December of the succeeding years. Returns for a given income year include those for the calendar year and fiscal years ended therein. Excludes corporation income tax returns. b/ Includes ordinance, tobacco, leather and leather products and other manufacturers not elsewhere classified. c/ Includes doctors, dentists, psychiatrists, physical therapists and lawyers incorporated as professional corporations. d/ Includes building and loan, and savings and loan associations and financial corporations not elsewhere classified. (Insurance companies are not subject to franchise tax.) e/ Includes highway, railroad, car and express, water and airline utilities. f/ Includes water, wharfage, carloading, stevedoring, warehousing, cold storate and pipeline companies.

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TABLE D-12

CONSUMER PRICE INDEX, SELECTED AREAS, 1950 TO 1988
(1982-84=100) a/

	All Urban Consumers					Urban Wage Earners and Clerical Workers				
Year	United States	California b/	Los Angeles-Anaheim Riverside	San Francisco-Oakland-San Jose	San Diego	United States	California b/	Los Angeles-Anaheim-Riverside	San Francisco-Oakland-San Jose	San Diego
1950	24.1	22.8	23.7	22.0	n.a.	24.2	22.9	23.7	22.2	n.a.
1951	26.0	24.7	25.7	23.8	n.a.	26.1	24.8	25.7	24.0	n.a.
1952	26.5	25.5	26.5	24.6	n.a.	26.7	25.6	26.5	24.9	n.a.
1953	26.7	25.8	26.7	25.0	n.a.	26.9	25.9	26.7	25.3	n.a.
1954	26.9	25.8	26.7	25.1	n.a.	27.0	25.9	26.7	25.3	n.a.
1955	26.8	25.7	26.7	24.9	n.a.	26.9	25.9	26.7	25.2	n.a.
1956	27.2	26.2	27.1	25.5	n.a.	27.3	26.3	27.1	25.7	n.a.
1957	28.1	27.1	28.0	26.5	n.a.	28.3	27.3	28.0	26.8	n.a.
1958	28.9	28.1	28.9	27.5	n.a.	29.1	28.2	28.9	27.7	n.a.
1959	29.1	28.6	29.4	28.0	n.a.	29.3	28.7	29.4	28.3	n.a.
1960	29.6	29.2	30.0	28.6	n.a.	29.8	29.2	29.9	28.8	n.a.
1961	29.9	29.5	30.3	28.9	n.a.	30.1	29.6	30.3	29.2	n.a.
1962	30.2	29.9	30.7	29.4	n.a.	30.4	30.0	30.7	29.7	n.a.
1963	30.6	30.4	31.1	29.8	n.a.	30.8	30.5	31.1	30.0	n.a.
1964	31.0	31.0	31.7	30.2	n.a.	31.2	31.0	31.7	30.5	n.a.
1965	31.5	31.5	32.4	30.8	28.2	31.7	31.7	32.4	31.1	29.5
1966	32.4	32.2	33.0	31.6	28.7	32.6	32.4	33.0	31.9	30.1
1967	33.4	33.0	33.8	32.5	29.6	33.6	33.2	33.8	32.8	31.0
1968	34.8	34.4	35.2	34.0	30.8	35.0	34.6	35.2	34.3	32.3
1969	36.7	36.1	36.8	35.8	32.4	36.9	36.3	36.8	36.2	34.0
1970	38.8	37.9	38.7	37.7	34.1	39.0	38.2	38.7	38.0	35.8
1971	40.5	39.3	40.1	39.1	35.4	40.7	39.6	40.1	39.4	37.1
1972	41.8	40.6	41.4	40.4	36.8	42.1	40.9	41.4	40.8	38.6
1973	44.4	43.0	43.7	42.8	39.2	44.7	43.3	43.7	43.2	41.1
1974	49.3	47.4	48.2	47.0	43.5	49.6	47.7	48.2	47.4	45.6
1975	53.8	52.3	53.3	51.8	47.6	54.1	52.6	53.3	52.2	49.9
1976	56.9	55.6	56.9	54.6	50.5	57.2	55.9	56.8	55.2	52.9
1977	60.6	59.5	60.8	58.8	53.8	60.9	59.9	60.8	59.4	56.4
1978	65.2	64.4	65.3	64.3	59.2	65.6	64.7	65.1	64.8	61.9
1979	72.6	71.3	72.3	69.8	68.9	73.1	72.1	72.8	70.5	71.4
1980	82.4	82.4	83.7	80.4	79.4	82.9	83.6	84.7	81.2	82.1
1981	90.9	91.4	91.9	90.8	90.1	91.4	92.7	93.1	91.6	92.8
1982	96.5	97.3	97.3	97.6	96.2	96.9	98.5	98.5	98.2	99.4
1983	99.6	98.9	99.1	98.4	99.0	99.8	99.0	99.3	98.2	99.0
1984	103.9	103.8	103.6	104.0	104.8	103.3	102.5	102.2	103.7	101.7
1985	107.6	108.6	108.4	108.4	110.4	106.9	106.7	106.5	107.8	104.5
1986	109.6	112.0	111.9	111.6	113.5	108.6	109.6	109.5	110.7	107.2
1987	113.6	116.6	116.7	115.4	117.5	112.5	113.9	114.0	114.3	111.1
1988	118.3	121.9	122.1	120.5	123.4	117.0	118.9	119.0	119.4	116.5

a/ The U.S. Bureau of Labor Statistics rebased all CPI indices from 1967-69 to 1982-84 starting with the release of data for January 1988. Historical data were also converted to the new base to facilitate comparisons over time. While the index numbers are different, the percentage changes should be comparable.

b/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research as a weighted average of the indices for Los Angeles-Anaheim-Riverside, San Francisco-Oakland-San Jose and, from 1965-86, San Diego.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

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TABLE D-13

CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS BY EXPENDITURE CATEGORY, SELECTED AREAS, 1988 (1982-84=100)

	United States		California a/		Los Angeles-Anaheim-Riverside		San Francisco-Oakland-San Jose		San Diego	
	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg from 1987
All items	118.3	4.1	121.9	4.5	122.1	4.6	120.5	4.4	123.4	5.0
Food and beverages	118.2	4.1	n.a.	n.a.	117.2	3.5	120.4	5.9	119.7	3.4
Food	118.2	4.1	n.a.	n.a.	116.6	3.3	121.1	6.2	119.7	3.4
Food at home	116.6	4.2	n.a.	n.a.	116.9	3.5	119.8	7.1	116.9	1.9
Food away from home	121.8	4.1	n.a.	n.a.	116.6	3.0	123.7	5.1	123.6	5.0
Housing	118.5	3.8	n.a.	n.a.	126.6	4.6	126.9	4.4	126.9	3.8
Shelter	127.1	4.8	n.a.	n.a.	133.4	5.4	134.2	4.4	138.9	4.8
Rent, residential	127.8	3.8	n.a.	n.a.	136.8	4.8	138.8	4.3	139.5	3.4
Other rental costs	134.8	5.8	n.a.	n.a.	131.6	8.6	131.6	8.5	143.3	10.1
Homeowners' cost	131.1	5.0	n.a.	n.a.	140.7	5.3	146.3	4.2	151.0	5.1
Fuel and other utilities	104.4	1.4	n.a.	n.a.	115.9	2.9	116.7	6.7	103.3	0.8
Fuels	98.0	0.7	n.a.	n.a.	113.9	3.3	115.5	9.5	93.2	-2.6
Household furnishings and operation	109.4	2.1	n.a.	n.a.	110.8	2.7	113.1	3.1	104.7	1.4
Apparel and upkeep	115.4	4.3	n.a.	n.a.	114.3	1.6	102.4	-2.1	119.0	8.0
Transportation	108.7	3.1	n.a.	n.a.	113.8	4.5	105.3	2.8	114.2	6.1
Private	107.6	3.3	n.a.	n.a.	112.6	4.2	104.3	2.9	113.1	5.6
Public	123.3	1.8	n.a.	n.a.	136.3	7.0	119.6	2.3	130.2	11.1
Medical care	138.6	6.5	n.a.	n.a.	139.6	7.8	136.9	6.4	141.9	9.7
Entertainment	120.3	4.3	n.a.	n.a.	115.4	3.8	129.1	6.2	130.2	7.7
Other goods and services	137.0	6.6	n.a.	n.a.	139.9	9.4	140.1	7.0	140.4	8.2
Personal care	119.4	3.7	n.a.	n.a.	124.3	5.5	126.3	6.0	126.4	2.8

a/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research, as the weighted average of the indexes for the Los Angeles-Anaheim-Riverside, and San Francisco-Oakland-San Jose Metropolitan areas.

n.a. Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics.

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TABLE D-14

CONSUMER PRICE INDEXES FOR URBAN WAGE EARNERS AND CLERICAL WORKERS BY EXPENDITURE CATEGORY, SELECTED AREAS, 1988
(1982-84=100)

	United States		California a/		Los Angeles-Anaheim-Riverside-		San Francisco-Oakland-San Jose		San Diego	
	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987	1988 Index	% chg. from 1987
All items	117.0	4.0	118.9	4.4	119.0	4.4	119.4	4.5	116.5	4.9
Food and beverages	117.9	4.1	n.a.	n.a.	117.1	3.6	120.4	5.8	120.0	3.4
Food	117.9	4.1	n.a.	n.a.	116.4	3.3	121.0	6.1	120.0	3.3
Food at home	116.2	4.0	n.a.	n.a.	116.4	3.3	119.5	6.8	116.8	1.7
Food away from home	121.6	4.0	n.a.	n.a.	116.6	3.0	123.6	5.1	124.6	5.2
Housing	116.8	3.5	n.a.	n.a.	122.3	4.5	124.6	4.4	112.0	3.6
Shelter	124.3	4.6	n.a.	n.a.	126.7	5.2	130.1	4.3	117.7	4.5
Rent, residential	127.5	3.7	n.a.	n.a.	136.8	4.8	138.8	4.3	139.5	3.4
Other rental costs	135.2	5.5	n.a.	n.a.	130.6	8.7	135.1	8.7	142.6	10.2
Homeowners' costs	119.5	5.0	n.a.	n.a.	125.3	5.3	123.2	4.3	124.9	5.0
Fuel and other utilities	104.1	1.4	n.a.	n.a.	115.9	2.9	115.8	6.1	103.0	0.8
Fuels	97.7	0.6	n.a.	n.a.	114.4	3.1	116.1	9.6	93.2	-2.6
Household furnishings and operation	108.9	2.1	n.a.	n.a.	111.0	2.7	113.3	3.2	103.8	1.2
Apparel and upkeep	114.9	4.1	n.a.	n.a.	114.0	1.9	104.4	-0.9	118.8	7.8
Transportation	108.3	3.0	n.a.	n.a.	111.4	4.1	107.1	3.3	114.7	5.7
Private	107.5	3.3	n.a.	n.a.	110.3	4.0	106.2	3.4	114.0	5.4
Public	122.5	1.7	n.a.	n.a.	138.7	7.2	122.8	2.1	129.0	10.5
Medical care	139.0	6.8	n.a.	n.a.	139.1	7.8	138.1	6.2	143.9	10.4
Entertainment	119.7	4.3	n.a.	n.a.	114.6	3.7	124.0	5.7	132.4	8.0
Other goods and services	136.5	6.8	n.a.	n.a.	137.6	8.9	140.1	7.4	138.3	8.0
Personal care	119.3	3.7	n.a.	n.a.	125.0	5.8	125.1	5.7	126.5	2.8

a/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research, as the weighted average of the indexes for the Los Angeles-Anaheim-Riverside, and San Francisco-Oakland-San Jose Metropolitan areas.

n.a. Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Department of Industrial Relations
Division of Labor Statistics and Research
Industrial Relations Library
(415) 557-2180

SECTION E

HEALTH AND WELFARE

Compiled under this broad heading are tables relating to vital statistics and other health data, mental hygiene, and social insurance. Major data sources include: Department of Health Services, Health Demographics; Department of Rehabilitation, Statistical Section; Department of Corrections, Offender Information Services; Department of Social Services, Statistical Services Branch; and Employment Development Department, Employment Data and Research Division.

TABLE E-1

VITAL STATISTICS, CALIFORNIA, 1980 TO 1987
(By place of residence)

Event	1980	1981	1982	1983	1984	1985	1986	1987
Live births	402,720	420,418	429,631	435,722	447,394	470,816	481,905	503,376
Marriages a/	210,864	217,348	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dissolutions and nullities b/	138,361	140,473	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Deaths	186,428	184,732	188,255	188,018	195,470	201,815	202,826	209,395
Infant deaths c/	4,451	4,276	4,218	4,226	4,212	4,475	4,298	4,530
Neonatal deaths d/	2,886	2,711	2,686	2,711	2,654	2,813	2,703	2,767
Fetal deaths e/	3,594	3,481	3,333	3,049	3,110	3,171	3,259	3,504
Maternal deaths f/	45	38	43	37	27	36	32	28

a/ Includes licensed and nonlicensed marriages. Figures are by occurrence.
b/ Referred to as "Divorces and Annulments" before January 1, 1970. Figures are by occurrence.
c/ Infant deaths are those under one year.
d/ Neonatal deaths are those under 28 days.
e/ Fetal deaths are those of 20 weeks or more gestation.
f/ Maternal deaths due to complications of pregnancy, childbirth and the puerperium, Ninth Revision International List Numbers 630-676.
n.a. Discontinued July 1, 1982.

TABLE E-2

DEATHS BY SEX AND AGE, CALIFORNIA, 1987
(By place of residence)

Age group	Total	Male	Female
Total	209,395	110,185	99,210
Under 1 year	4,530	2,575	1,955
1-4	914	548	366
5-9	466	273	193
10-14	438	284	154
15-19	1,770	1,332	438
20-24	2,853	2,251	602
25-29	3,421	2,529	892
30-34	4,055	3,049	1,006
35-39	4,413	3,230	1,183
40-44	4,658	3,181	1,477
45-49	5,206	3,368	1,838
50-54	6,961	4,350	2,611
55-59	10,568	6,499	4,069
60-64	15,919	9,484	6,435
65-69	20,601	12,015	8,586
70-74	24,773	13,790	10,983
75-79	27,472	14,621	12,851
80-84	27,004	12,485	14,519
85 and over	43,212	14,205	29,007
Age not stated	161	116	45

TABLE E-3

TEN LEADING CAUSES OF DEATH, CALIFORNIA, 1987
(By place of residence)

Cause of death	Ninth Revision International List Number	Number	Rate a/	Percent
All causes	001-999	209,395	757.0	100.0
Diseases of the heart	390-398, 402, 404,410-429	69,327	250.6	33.1
Malignant neoplasms	140-208	47,358	171.2	22.6
Cerebrovascular disease	430-438	15,714	56.8	7.5
Accidents and adverse effects	800-949	10,583	38.3	5.1
Chronic obstructive pulmonary disease and allied conditions	490-496	8,979	32.5	4.3
Pneumonia and influenza	480-487	8,263	29.9	3.9
Chronic liver disease and cirrhosis	571	3,920	14.2	1.9
Suicide	950-959	3,870	14.0	1.8
Diabetes mellitus	250	3,283	11.9	1.6
Homicide	960-969	2,949	10.7	1.4
All other causes	Residual	35,149	127.1	16.8

a/ Rates are per 100,000 estimated population.

Source agency for Tables E-1 through E-3:
Department of Health Services
Health Demographics Section
(916) 445-1010

TABLE E-4

CASES AND DEATHS, SELECTED NOTIFIABLE DISEASES CALIFORNIA, 1980, AND 1984 TO 1988

	1980		1984	1985	1986	1987	1988
	Cases	Deaths a/	Case	Case	Case	Case	Case
Amebiasis	1,847	7	2,249	2,135	1,788	1,411	1,277
Anthrax	---	---	---	---	---	---	---
Botulism	36	2	55	45	45	27	10
Brucellosis	27	---	17	26	19	18	20
Chickenpox (Varicella-Zoster)	1,598	29 c/	1,029	1,900	1,632	1,645	253
Coccidioidomycosis	631	31	414	432	435	476	434
Colorado Tick Fever	6	---	---	4	1	3	2
Conjunctivitis of the Newborn	15	---	6	23	9	6	40
Diarrhea of the Newborn	21	---	1	14	1	18	1
Diphtheria	---	---	1	---	---	---	---
Encephalitis, Viral	181	71	173	174	150	134	116
Food & Waterborne Illness	1,703	3	556	636	1,130	2,149	119
German Measles (Rubella)	929	---	197	146	250	140	85
Hepatitis, Viral	12,819	192	14,513	16,530	15,408	13,186	10,506
A (Infectious)	6,202	44	7,005	7,442	7,916	7,230	6,043
B (Serum)	3,866	69	5,221	5,969	5,061	4,372	3,351
Non-A, Non-B b/	n.a.	n.a.	1,019	1,097	958	687	543
Unspecified and D	2,751	79	1,268	2,022	1,473	897	569
Leprosy	91	---	91	155	117	110	73
Leptospirosis	5	---	1	1	1	201	2
Malaria	741	---	362	339	420	325	331
Measles	1,051	1	326	265	486	813	818
Meningitis, Viral	1,162	14	1,139	1,058	1,301	1,492	1,114
Meningococcal Infections	255	31	247	298	359	633	585
Mumps	485	---	426	429	354	397	494
Pertussis	147	1	163	242	299	217	290
Plague	3	1	6	---	---	---	2
Poliomyelitis	2	13 d/	1	2	1	1	---
Psittacosis	24	---	20	14	17	9	15
Q Fever	13	---	4	7	5	6	10
Rabies, Human	---	---	1	---	---	1	---
Relapsing Fever	11	---	11	6	4	11	11
Rheumatic Fever	15	9 e/	6	10	14	---	---
Rocky Mt. Spotted Fever	4	---	2	3	1	3	2
Salmonellosis	2,951	13	3,903	4,646	5,578	5,915	5,621
Shigellosis	4,856	5	5,113	4,266	4,789	4,261	7,892
Streptococcal Infections	25,500	15	24,952	41,608	36,337	36,434	34,152
Tetanus	14	5	7	5	3	6	3
Trichinosis	6	---	---	8	---	7	5
Tuberculosis	4,273	230	3,306	3,505	3,507	3,607	3,285
Tularemia	11	---	8	4	3	2	4
Typhoid Fever	124	1	108	136	143	111	142
Typhus Fever	2	---	7	7	6	8	10
Venereal Diseases	148,207	18	123,269	123,895	123,195	113,272	84,408
Chancroid	26	---	128	23	40	214	66
Gonorrhea	135,885	---	108,057	112,922	111,102	93,886	64,674
Granuloma Inguinale	9	---	3	3	1	1	---
Lymphogranuloma venereum	17	---	37	19	18	9	14
Syphilis, Total	12,270	18	11,204	10,928	12,034	19,162	19,654
Primary and Secondary	4,696	---	3,840	4,286	5,240	7,383	5,717

a/ Deaths shown above may not agree with deaths shown in vital statistics tables because some diseases are not listed separately in the International List of Causes of Death on which the vital statistics tables are based, or because the definitions of some diseases used in the International List differ from the definitions used for morbidity purposes.

b/ Non-A, Non-B is a new category added in 1982 by the Center for Disease Control, Atlanta, Georgia.

c/ Chickenpox deaths 3; Herpes zoster deaths in the elderly or otherwise seriously ill people 26.

d/ All deaths due to the late effects of polio.

e/ Seven due to late effects of rheumatic fever, 2 due to acute rheumatic fever for 1980.

Note: German Measles (Rubella) includes cases of Congenital Rubella Syndrome.

Department of Health Services
Preventive Medical Services Division, (916) 327-0946

TABLE E-5

NUMBER AND BED CAPACITY OF STATE LICENSED FACILITIES, 1989

Facility type	Number	Bed capacity
Total	3,483	237,087
General acute care hospital	503	105,013
Acute psychiatric hospital	79	10,518
Chemical dependency hospital	13	847
Skilled nursing facility	1,183	113,359
Intermediate care facility	35	2,282
Intermediate care facility: developmentally disabled	31	2,618
Intermediate care facilility: developmentally disabled habilitativ	359	2,450
Home health agency	449	0
Adult day health care	63	0
Rehabilitation clinic	13	0
Community clinic	476	0
Psychology clinic	19	0
Surgical clinic	59	0
Chronic dialysis clinic	163	0
Free clinic	23	0
Referral agency	15	0

Source: Department of Health Services, Facilities Information System, Automated Certification and Licensing Administrative Information Management System (ACLAIMS)

Department of Health Services
Licensing and Certification Division
(916) 445-2070

TABLE E-6

ADMISSIONS, INPATIENT POPULATION, DEATHS AND DIRECT DISCHARGES, CALIFORNIA STATE HOSPITALS FOR THE MENTALLY DISABLED, 1988-89

State hospitals	Admissions	Inpatient population June 30, 1989	Deaths	Discharges
Total	5,705	4,893	54	5,358
Atascadero	878	983	2	756
Camarillo	780	687	10	675
Metropolitan	2,555	783	4	2,526
Napa	956	1,242	29	957
Patton	536	1,198	9	444

Department of Mental Health
Statistics and Data Analysis Section
(916) 323-9070

TABLE E-7

INPATIENT POPULATION AND ADMISSIONS, CALIFORNIA STATE HOSPITALS FOR THE MENTALLY DISABLED, 1987-88 AND 1988-89

County	Inpatient population June 30, 1988	Inpatient population June 30, 1989	Admissions 1987-88	Admissions 1988-89
Total	4,844	4,893	6,027	5,705
Alameda	244	233	102	87
Alpine	1	1	1	--
Amador	2	1	1	1
Butte	21	17	10	10
Calaveras	10	5	8	4
Colusa	3	1	1	--
Contra Costa	147	142	55	48
Del Norte	7	4	6	4
El Dorado	10	10	7	10
Fresno	80	71	49	39
Glenn	5	5	3	3
Humboldt	20	15	23	16
Imperial	20	23	8	15
Inyo	5	10	2	5
Kern	96	95	81	71
Kings	14	14	3	6
Lake	13	20	31	84
Lassen	6	7	5	5
Los Angeles	1,663	1,718	3,408	3,356
Madera	18	22	15	21
Marin	40	43	10	8
Mariposa	2	--	--	--
Mendocino	24	23	22	28
Merced	21	30	22	27
Modoc	2	3	--	2
Mono	2	3	--	1
Monterey	32	41	21	23
Napa	71	91	174	156
Nevada	11	9	5	4
Orange	237	224	305	214
Placer	24	33	12	15
Plumas	6	3	4	--
Riverside	123	120	95	70
Sacramento	156	154	83	68
San Benito	9	9	8	8
San Bernardino	160	142	109	84
San Diego	299	295	184	155
San Francisco	351	346	157	177
San Joaquin	42	57	22	39
San Luis Obispo	66	56	43	48
San Mateo	102	97	39	31
Santa Barbara	38	47	26	42
Santa Clara	162	161	72	60
Santa Cruz	30	27	27	21
Shasta	19	23	18	18
Sierra	2	1	--	--
Siskiyou	8	5	7	9
Solano	121	135	545	411
Sonoma	73	79	40	46
Stanislaus	53	46	36	29
Sutter/Yuba	18	23	15	13
Tehama	11	18	8	14
Trinity	2	2	2	2
Tulare	30	32	12	32
Tuolumne	12	12	5	5
Ventura	73	65	56	44
Yolo	26	23	23	16
Other (out-of-state)	1	1	1	--

Department of Mental Health
Statistics and Data Analysis Section, (916) 323-9070

TABLE E-8

SELECTED CHARACTERISTICS OF REHABILITATED CLIENTS, 1987-88

Characteristics	1987-88
Total rehabilitated clients	20,144
Median age (years)	33.3
Sex	
Male	12,701
Female	7,443
Race	
White	12,586
Hispanic	3,528
Black	3,091
Other	939
Median education (years in school)	12.5
Primary disability	
Sensory impairments	2,612
Physical impairments	7,657
Mental impairments	9,875
Marital status	
Married	4,819
Previously married	5,847
Never married	9,478
Source of referral	
Individuals and physicians	7,794
Health organizations	4,878
Governmental agencies	4,640
Educational institutions	2,239
Other referral sources	593
Social Security disability insurance	1,394
Supplemental Security Income	2,290
Source of support at referral	
Family and friends	8,618
Earnings, interest and dividends	1,885
Public assistance or institutions	4,733
Public and private insurance	4,908
Work status at referral	
Client with paid employment	2,228
Homemaker and family worker	180
Not working	17,736
Public assistance	
Receiving PA at referral	4,412
Occupation at closure	
Professional, technical and managerial	2,780
Clerical, sales and service	9,740
Industrial occupations	4,891
Homemaker and family worker	963
Other occupations	1,770
Number of severely disabled	9,972

Department of Rehabilitation
Statistics Section
(916) 445-9692

TABLE E-9

NUMBER OF CLIENTS REHABILITATED BY MAJOR DISABLING CONDITIONS, 1987-88

Disabling conditions	Number	Percent
Total, rehabilitated clients	20,144	100
Sensory impairments	2,612	13
Visual impairments	1,218	6
Legally blind	872	4
Other visual impairments	346	2
Hearing impairments	1,394	7
Deaf	738	4
Other hearing impairments	656	3
Physical disabilities	7,657	38
Orthopedic	4,166	21
Absence or amputation of limbs	185	1
Cardiac-circulatory conditions	346	2
Epilepsy	281	1
Tuberculosis	6	a/
Digestive system disorders	106	1
Diabetes	135	1
Genito-urinary disorders	50	a/
Speech impairments	83	a/
Other physical conditions	2,299	11
Mental Disorders	9,875	49
Mental retardation	1,392	7
Mental illness	8,483	42
Alcoholism	3,299	16
Character and personality disorders	2,277	11
Psychoses and neuroses	786	4
Drug addiction	2,121	11

a/ Less than .5 percent.

Department of Rehabilitation
Statistics Section
(916) 445-9692

TABLE E-10

MOVEMENT OF CIVIL NARCOTIC ADDICT POPULATION IN OUTPATIENT STATUS FROM CALIFORNIA REHABILITATION CENTER PROGRAM a/

Movement	1988	
	Men	Women
On outpatient status, January 1	1,052	352
Received on outpatient status	2,025	619
From institution	1,870	561
Reinstated after suspension	152	54
Other	3	4
Removed from outpatient status	1,815	539
Returned to institution	1,148	292
Suspended	315	90
Discharged b/	326	126
Died	17	3
Other	9	28
On outpatient status, December 31	1,262	432
Net change during year	210	80

a/ Civilly committed under Welfare and Institutions Code Section 300, et.seq.
b/ Includes persons returned to Corrections with new felony commitment.

Department of Corrections
Offender Information Services
(916) 323-3639

TABLE E-11

ESTIMATED ANNUAL BENEFITS AND COSTS FOR REHABILITATED CLIENTS BY DISABILITY GROUPS, FISCAL YEAR 1987-88

Item	All disabilities	Disability group							
		Visual impairment	Hearing impairment	Physical disabilities	Alcoholism	Drug addiction	Character and personality disorders	Mental retardation	Psychoses and neuroses
Total annual economic benefits ($1,000)	$55,863	$2,216	$3,274	$22,285	$10,691	$7,211	$2,025	$2,230	$5,932
Number of rehabilitations	20,144	1,218	1,349	7,657	3,299	2,277	786	1,392	2,121
Total costs ($1,000)	$117,319	$8,897	$9,362	$51,103	$13,364	$8,291	$3,564	$8,005	$14,414
Average cost per rehabilitation	$5,824	$7,305	$6,940	$6,674	$4,051	$3,641	$4,535	$5,751	$6,796
Average benefit per rehabilitation	$2,773	$1,820	$2,348	$2,910	$3,241	$3,167	$2,577	$1,602	$2,797
Percent benefits to costs (annual) a/	48%	25%	35%	44%	80%	87%	57%	28%	41%

a/ Total annual benefits as a percentage of fiscal year costs.

Department of Rehabilitation
Statistics Section
(916) 445-9692

TABLE E-12

SUMMARY OF ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS OF REHABILITATED CLIENTS BY DISABILITY GROUPS, FISCAL YEAR 1987-88

Economic and demographic characteristics	All disabilities	Disability group: Visual impairment	Hearing impairment	Physical disabilities	Alcoholism	Drug addiction	Character and personality disorders	Mental retardation	Psychoses and neuroses
Total, all clients	117,970	6,201	6,830	51,508	15,624	10,848	4,519	6,117	16,323
Total open caseload end of year	65,864	3,923	4,239	30,087	7,898	5,247	2,173	3,371	8,926
Total closures	52,106	2,278	2,591	21,421	7,726	5,601	2,346	2,746	7,397
Total rehabilitated clients	20,144	1,218	1,394	7,657	3,299	2,277	786	1,392	2,121
Source of referral (rehabilitated)									
Individuals and physicians	39%	56%	58%	47%	23%	25%	21%	24%	40%
Health organizations	24%	15%	6%	7%	60%	31%	14%	30%	38%
Welfare agencies	2%	2%	1%	3%	a/	a/	1%	1%	1%
Educational institutions	11%	6%	14%	18%	1%	2%	3%	30%	3%
Correctional institutions	7%	a/	a/	1%	5%	32%	53%	a/	3%
Other public organizations	14%	17%	16%	21%	4%	6%	6%	13%	12%
Private organizations	3%	4%	4%	2%	7%	3%	2%	1%	1%
Weekly earnings at referral									
Average earnings all rehabs	$21.00	$27.00	$57.00	$20.00	$17.00	$11.00	$21.00	$17.00	$13.00
Clients with earnings	2,374	120	370	764	350	161	92	340	177
Weekly earnings at closure									
Average earnings all rehabs	$232.00	$119.00	$238.00	$238.00	$270.00	$263.00	$239.00	$141.00	$240.00
Clients with earnings	19,226	525	1,372	7,517	3,295	2,275	783	1,379	2,080
Work status at closure									
Clients with paid employment	95%	43%	98%	98%	100%	100%	100%	99%	98%
Homemakers and family worker	5%	57%	2%	2%	a/	a/	a/	1%	2%
Average case service costs	$952.00	$1,751.00	$1,467.00	$1,017.00	$619.00	$536.00	$647.00	$1,291.00	$772.00
Average months as a client	15.1	18.7	18.0	18.0	10.8	8.5	12.1	14.4	16.3
Average number of services	2.3	2.4	2.5	2.3	2.3	2.1	2.3	2.0	2.4
Number of services provided	46,361	2,936	3,491	17,699	7,529	4,894	1,801	2,822	5,189
Percentage of all services									
Diagnostic and evaluation	37%	35%	37%	38%	34%	37%	40%	45%	36%
Restoration	5%	11%	20%	4%	4%	3%	3%	1%	3%
Training	19%	27%	16%	22%	15%	11%	13%	14%	23%
Maintenance	5%	3%	2%	4%	8%	6%	4%	2%	5%
Other services	34%	24%	25%	32%	39%	43%	40%	38%	33%

a/ Less than 0.5 percent.

Department of Rehabilitation
Statistics Section, (916) 445-9692

TABLE E-13

CHILDREN PLACED FOR ADOPTION IN CALIFORNIA FISCAL YEARS 1982-83 TO 1987-88

Adoption programs	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Relinquishment	2,157	2,173	2,342	2,489	2,679	2,642
Public	1,708	1,776	1,848	2,042	2,285	2,174
Private	449	397	494	447	394	468
Independent	2,101	2,308	2,033	2,220	2,396	2,537
Intercountry	351	141 a/	417	425	505	515

a/ Data not available for July '83 thru December '83.

TABLE E-14

AID TO FAMILIES WITH DEPENDENT CHILDREN CALIFORNIA, FISCAL YEARS 1986-87 AND 1987-88 a/

	1986-87	1987-88
Average monthly number of recipients		
Families	581,253	585,243
Children	1,133,995	1,147,967
Total assistance ($1,000)	$3,720,824	$3,872,247

a/ Includes AFDC Family Group component and the unemployed components.

TABLE E-15

AID TO FAMILIES WITH DEPENDENT CHILDREN, FOSTER CARE, CALIFORNIA, FISCAL YEARS 1986-87 AND 1987-88

	1986-87	1987-88
Average monthly number of participants	39,572	44,021
Total assistance ($1,000)	$385,151	$462,934
Average cost per recipient	$811.08	$876.34

TABLE E-16

SELECTED DATA ON SUPPLEMENTAL SECURITY INCOME/STATE SUPPLEMENTAL PROGRAM (SSI/SSP), 1986 TO 1989

February	Aged	Blind	Disabled
Caseload (recipients)			
1986	267,376	19,445	395,435
1987	273,855	20,228	417,105
1988	283,422	20,592	442,397
1989	292,600	20,746	460,989
Average payment			
1986	$270.38	$393.97	$370.45
1987	304.61	430.47	410.78
1988	304.81	433.94	414.38
1989	326.05	461.34	438.97

Source agency for Tables E-13 through E-16:
Department of Social Services
Data Processing and Statistical Services Bureau, (916) 322-2230

TABLE E-17

GENERAL RELIEF: AVERAGE RECIPIENTS AND EXPENDITURES, CALIFORNIA, FISCAL YEARS 1980-81 TO 1987-88

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
General Relief a/ d/								
Average monthly number of recipients								
Total persons	29,282	34,281	68,766	61,674	63,510	69,638	78,318	80,455
Family cases	2,303	2,308	5,706	4,910	4,543	4,935	5,172	5,124
One-person cases	26,979	31,973	63,059	56,764	58,967	64,704	73,146	75,332
Aid payments								
Total, net ($1,000)	$59,711	$70,800	$145,908	$121,559	$143,572	$169,282	$202,882	$222,824
Average monthly grant								
Family cases	$270.41	$283.36	$309.40	$321.31	$323.30	$345.35	$415.95	$375.17
One-person cases	$169.10	$175.32	$180.64	$185.90	$212.39	$224.34	$244.45	$261.48
Total general relief payments ($1,000) b/	$86,327	$105,206	$137,271	$134,921	$157,969	$183,153	$225,535 c/	$246,398

a/ County nonmedical assistance to recipients in their homes.
b/ Includes General Relief and other programs administered by County Welfare Departments which are financed from county indigent funds. Generally excludes costs of county hospitals.
c/ Excludes reimbursements of $23,574,102.
d/ Prior to 1982-83, data did not include "other general relief" items such as SSI/SSP interim assistance, miscellaneous general relief, etc. Beginning with 1982-83, the General Relief category includes all general relief components.

TABLE E-18

FOOD STAMP PROGRAM: SELECTED DATA, 1970-71 TO 1987-88

(Dollar amounts in 000s)

Fiscal year	Average per month: Total households: Public assistance	Average per month: Total households: Non-assistance	Average per month: Total participants: Public assistance	Average per month: Total participants: Non-assistance	Total bonus value a/	Total purchase requirement	Total value of food coupons
1970-71	279,714	77,316	907,288	239,022	$178,100	$167,794	$345,894
1971-72	357,819	96,325	1,101,409	303,190	212,698	219,243	431,941
1972-73	350,728	88,537	1,040,031	277,111	208,496	217,667	426,163
1973-74	300,072	108,912	945,885	322,937	252,901	216,304	469,205
1974-75	302,366	157,742	978,736	471,042	361,093	255,044	616,137
1975-76	318,154	170,296	981,030	494,986	392,834	303,487	696,321
1976-77	311,445	154,021	940,248	432,912	343,942	315,370	659,313
1977-78	287,726	152,538	882,666	389,276	324,583	306,432	631,015
1978-79	409,026	165,891	1,031,569	388,182	412,601	145,388	557,989
1979-80	311,028	206,090	966,266	467,066	511,137	---	511,137
1980-81	348,196	240,415	1,070,601	523,100	587,440	---	587,440
1981-82	357,418	238,564	1,105,900	531,934	588,910	---	588,910
1982-83	373,768	247,716	1,185,594	581,276	710,380	---	710,380
1983-84	376,912	214,957	1,207,710	508,921	683,950	---	683,950
1984-85	363,553	187,723	1,179,057	439,463	640,225	---	640,225
1985-86	363,409	190 430	1,176,971	435,357	626,173	---	626,173
1986-87	370,657	195,062	1,194,005	445,395	614,490	---	614,490
1987-88	376,083	187,548	1,214,087	427,642	658,689	---	658,689

a/ Free coupons (100 percent federally funded).

Source agency for Tables E-17 and E-18:
Department of Social Services
Data Processing and Statistical Services Bureau
(916) 322-2230

TABLE E-19

SELECTED DATA ON MEDI-CAL PROGRAM, 1988

	Total	Aged	Blind	Disabled	Families	Medically indigent children	Medically indigent adults	Refugees	IRCS aliens	OBRA aliens	Total renal dialysis	Total parenteral nutrition
All Programs a/												
Average monthly number of eligibles	2,889,659	387,434	22,986	478,437	1,871,397	106,945	9,030	9,512	761	3,093	56	8
Total payments (in thousands)	$5,235,228	$1,263,699	$64,622	$1,972,347	$1,624,650	$215,513	$81,742	$11,268	$143	$705	$340	$198
Average monthly cost per eligible	$150.98	$271.81	$234.28	$343.54	$72.35	$167.93	$754.35	$98.72	$15.68	$19.00	$506.50	$2,062.58
Public Assistance												
Average monthly number of eligibles	2,430,494	300,395	22,571	445,706	1,661,822	---	---	---	---	---	---	---
Total payments (in thousands)	$3,109,290	$430,904	$59,816	$1,394,173	$1,224,397	---	---	---	---	---	---	---
Average monthly cost per eligible	$106.61	$119.54	$220.85	$260.67	$61.40	---	---	---	---	---	---	---
Medically needy												
Average monthly number of eligibles	329,760	87,039	415	32,731	209,575	---	---	---	---	---	---	---
Total payments (in thousands)	$1,816,028	$832,796	$4,806	$578,174	$400,253	---	---	---	---	---	---	---
Average monthly cost per eligible	$458.93	$797.34	$964.96	$1,472.03	$159.15	---	---	---	---	---	---	---
Medically indigent												
Average monthly number of eligibles	115,975	---	---	---	---	106,945	9,030	---	---	---	---	---
Total payments (in thousands)	$297,254	---	---	---	---	$215,513	$81,742	---	---	---	---	---
Average monthly cost per eligible	$213.59	---	---	---	---	$167.93	$754.35	---	---	---	---	---
Refugee												
Average monthly number of eligibles	9,512	---	---	---	---	---	---	9,512	---	---	---	---
Total payments (in thousands)	$11,268	---	---	---	---	---	---	$11,268	---	---	---	---
Average monthly cost per eligible	$98.72	---	---	---	---	---	---	$98.72	---	---	---	---
IRCA aliens												
Average monthly number of eligibles	761	---	---	---	---	---	---	---	761	---	---	---
Total payments (in thousands)	$143	---	---	---	---	---	---	---	$143	---	---	---
Average monthly cost per eligible	$15.68	---	---	---	---	---	---	---	$15.68	---	---	---
OBRA aliens												
Average monthly number of eligibles	3,093	---	---	---	---	---	---	---	---	3,093	---	---
Total payments (in thousands)	$705	---	---	---	---	---	---	---	---	$705	---	---
Average monthly cost per eligible	$19.00	---	---	---	---	---	---	---	---	$19.00	---	---
Renal Dialysis												
Average monthly number of eligibles	56	---	---	---	---	---	---	---	---	---	56	---
Total payments (in thousands)	$340	---	---	---	---	---	---	---	---	---	$340	---
Average monthly cost per eligible	$506.50	---	---	---	---	---	---	---	---	---	$506.50	---
Total Parenteral Nutrition												
Average monthly numer of eligibles	8	---	---	---	---	---	---	---	---	---	---	8
Total payments (in thousands)	$198	---	---	---	---	---	---	---	---	---	---	$198
Average monthy cost per eligible	$2,062.58	---	---	---	---	---	---	---	---	---	---	$2,062.58

a/ Includes regular fee-for-service, Redwood Health Foundation, and Delta Dental Service.
Note: Figures are rounded independently and may not add to total.
IRCA: Immigration Reform and Control Act, OBRA: Omnibus Budget Reconciliation Act
Source: Medical Services and Expenditures Report, January-December 1988 and Medi-Cal Certified CID Eligibles, Calendar Year 1988.

Department of Health Services, Fiscal Forecasting Section and Data Management Branch, (916) 445-2547

TABLE E-20

DISABILITY INSURANCE FISCAL TRANSACTIONS AND ACTIVITIES, CALIFORNIA, 1987 AND 1988

Item	1987	1988
Net taxable wages of workers in covered employment (in billions)		
Total	$157.6 r/	$165.6 e/
Taxable for State Fund	147.1 r/	155.3 e/
Voluntary plans	10.5 r/	10.3 e/
Disability Fund ($1,000)		
Receipts a/	1,722,747	1,953,889
Disbursements		
Miscellaneous	(77)	(30)
Benefit payments b/	1,355,956	1,445,595
Administrative costs	62,252	70,119
Fund balance	282,635	720,840
Activity (in thousands)		
State plan		
New claims with qualifying wage credit	761	799
Basic benefits		
Number of weeks compensated	8,414	8,917
Amount of benefit payments (gross)	1,393,995	1,499,441
Voluntary plan first claims received	43	42

a/ For 1987 and 1988 the contribution rate was 1.2 percent and the taxable wage ceiling $21,900.
b/ Effective January 1, 1984, the weekly benefit schedule range has been $50 $224 per week.
r/ Revised
e/ Estimated

Employment Development Department
Planning Office, Program Estimates Group
(916) 322-4077

TABLE E-21

FEDERAL UNEMPLOYMENT COMPENSATION CALIFORNIA, 1988

Category	1988
Federal-Civilian	
Weeks of compensated unemployment	
Total	220,823
Federal-civilian employee and ex-serviceperson benefits a/	130,155
Supplementing UI benefits b/	90,668
Total amount of benefit payment	$23,510,175
Ex-serviceperson	
Weeks of compensated unemployment	
Total	90,645
Ex-serviceperson benefits alone	79,153
Supplementing UI benefits c/	11,492
Total amount of benefit payment	$11,403,801

a/ Includes weeks of UCFE and UCFE-UCX benefits.
b/ Includes weeks of UI-UCFE and UI-UCFE-UCX benefits.
c/ Includes weeks of UI-UCX benefits.
UI: Unemployment Insurance.
UCFE: Unemployment Compensation for Federal Employees
UCX: Unemployment Compensation for Ex-Servicepersons.

Employment Development Department
Employment Data and Research Division
Operating Reports Group, (916) 427-4919

TABLE E-22

UNEMPLOYMENT INSURANCE ACTIVITIES CALIFORNIA AND SELECTED LABOR MARKET AREAS, 1988

	California	San Francisco	Oakland	Los Angeles-Long Beach	Anaheim Santa Ana
Claims filed to open a period of claimant status (000)	2,601	122	156	623	101
Weeks of unemployment certified (000)	16,387	770	1,054	3,991	709
Weeks of unemployment compensated (000)	13,599	640	859	3,249	577
Gross benefit payments ($1,000)	$1,700,402	$83,241	$112,253	$421,297	$77,601
Weekly average number with compensated unemployment (000)	261	12	16	62	11
Average weekly benefits paid per claimant	$125.04	$130.06	$130.68	$129.67	$134.49

Employment Development Department
Employment Data and Research Division
Operating Reports Group
(916) 427-4919

TABLE E-23

REPORTING UNITS, EMPLOYEES, AND WAGES COVERED UNDER THE UNEMPLOYMENT INSURANCE PROVISIONS OF THE CALIFORNIA UNEMPLOYMENT INSURANCE CODE AND UNEMPLOYMENT INSURANCE FISCAL TRANSACTIONS, CALIFORNIA, 1970 TO 1988

Year	Number covered under the unemployment insurance provisions of the California Unemployment Insurance Code c/		Annual wages paid in unemployment insurance covered employment (In millions)		Unemployment Insurance Fund d/		
	Reporting units (quarterly average) a/	Employees (monthly average)	Total	Taxable	Receipts ($1,000)	Disburse-ments ($1,000)	Fund balance ($1,000)
1970	333,599	5,240,190	$42,213	$21,264	$574,895	$661,011	$1,226,643
1971	334,229	5,189,637	43,445	20,832	507,940	829,445	904,740
1972	346,416	5,913,892	52,157	23,805	697,269	626,493	975,085
1973	374,869	6,383,331	58,683	25,586	839,531	593,200	1,221,014
1974	372,380	6,588,356	64,556	26,713	809,162	876,513	1,153,218
1975	372,488	6,564,524	69,151	26,292	847,659	1,451,281	548,806
1976	411,667	7,130,103	78,762	40,717	1,381,674	1,290,761	639,190
1977	425,225	7,543,268	89,195	44,379	1,616,147	1,165,469	1,089,718
1978	467,480	9,036,931	114,904	45,265	1,698,723	1,030,056	1,757,766
1979	489,121	9,448,087	132,452	49,548	1,872,241	894,688	2,734,860
1980	514,659	10,083,911	155,334	51,573	1,729,021	1,308,690	3,020,124
1981	535,553	10,256,167	172,283	53,703	1,777,958	1,545,328	3,251,969
1982	534,327	10,131,806	182,497	52,290	1,850,735	2,485,608	2,617,097
1983	546,652	10,312,305	195,978	60,505	1,938,146	2,435,736	2,119,082
1984	572,346	10,900,212	217,123	65,625	2,402,042	1,738,260	2,782,658
1985	594,247	11,378,074	236,667	68,886	2,643,862	1,965,501	3,460,876
1986	608,661	11,644,237	255,468	70,903	2,150,749	2,132,633	3,478,885
1987	711,099 b/	12,094,751	279,621	75,342	2,368,657	1,843,898	4,003,583
1988	734,594	12,556,920	302,981	79,547	2,349,344	1,685,750	4,666,984

a/ Employers with substantial employment in multiple counties or industrial classifications are counted as a reporting unit in each county or industrial classification. An employer with only one business location and activity is counted as one reporting unit.

b/ As of the first quarter of 1987, approximately 80,000 active employers but with zero employment and wages, and not reported as out-of-business, were included as counted reporting units.

c/ Employment Development Department
Division of Employment Data and Research
Employer Reports Group
(916) 427-4904

d/ Employment Development Department
Fiscal Programs Division
(916) 445-8262

SECTION F

EDUCATION

This section summarizes data relating to libraries, and to public and private education in California, both at the elementary and high school levels (kindergarten through grade 12) and at the collegiate levels (community colleges and universities or State colleges). The California State Department of Education has responsibility for accumulating and reporting data on public and private school activities for kindergarten through grade 12. The State Department of Finance and California Postsecondary Education Commission have responsibility for higher education statistics.

The source of library statistics is the California State Library.

TABLE F-1

ENROLLMENTS IN COLLEGES AND UNIVERSITIES, 1970 TO 1988

Fall	Total		Public community colleges a/		California State University		University of California b/	
	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	1,177,188	552,926	826,596	282,857	241,559	166,876	109,033	103,193
1971	1,243,467	570,279	873,353	295,620	262,081	172,136	108,033	102,523
1972	1,309,270	561,004	921,955	284,919	276,737	176,933	110,578	99,152
1973	1,414,794	597,222	1,009,307	306,066	286,633	179,043	118,854	112,113
1974	1,550,617	617,695	1,136,478	324,287	291,542	178,006	122,597	115,402
1975	1,724,201	679,555	1,284,824	371,504	310,891	186,560	128,486	121,491
1976	1,688,060	630,827	1,255,678	328,104	303,734	183,077	128,648	119,646
1977	1,760,624	620,722	1,321,739	316,206	312,380	186,404	126,505	118,112
1978	1,593,875	587,262	1,159,819	285,130	306,175	182,817	127,881	119,315
1979	1,686,732	588,832	1,248,459	282,765	306,801	184,986	131,472	121,081
1980	1,833,739	613,629	1,384,068	296,188	313,850	191,286	135,821	126,155
1981	1,888,925	629,602	1,430,634	307,752	319,565	193,237	138,726	128,613
1982	1,806,712	634,056	1,351,760	308,818	315,814	195,571	139,138	129,667
1983	1,702,860	620,836	1,247,671	290,123	313,900	199,800	141,289	130,913
1984	1,612,633	599,657	1,152,039	265,806	316,005	200,089	144,589	133,762
1985	1,646,142	601,478	1,173,559	261,824	324,626	203,175	147,957	136,479
1986	1,708,552	611,500	1,223,063	265,493	333,424	205,262	152,065	140,745
1987	1,761,466	628,975	1,261,359	275,316	342,776	209,322	157,331	144,337
1988	1,844,156	648,030	1,327,528	281,860	355,106	217,061	161,522	149,109

Fall	Independent colleges and universities c/		Private 2-year colleges c/		Other public institutions c/	
	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	117,891	88,140	n.a.	n.a.	2,114	2,114
1971	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1972	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1973	130,733	91,196	n.a.	n.a.	n.a.	n.a.
1974	120,201	82,477	n.a.	n.a.	n.a.	n.a.
1975	176,651	116,951	n.a.	n.a.	n.a.	n.a.
1976	171,608	117,728	n.a.	n.a.	n.a.	n.a.
1977	180,761	122,894	4,230	3,422	675	661
1978	177,851	123,749	6,058	5,334	484	484
1979	189,832	129,666	6,878	6,107	1,972	1,967
1980	156,564	108,462	6,837	6,291	2,021	2,005
1981	182,935	127,492	8,012	6,837	3,315	3,315
1982	183,453	125,340	11,578	10,128	3,488	3,488
1983	166,031	113,103	5,053	4,419	3,622	3,604
1984	193,380	129,301	14,177	12,883	3,634	3,613
1985	193,877	131,035	12,618	11,194	1,925	1,914
1986	193,261	136,045	12,091	9,917	372	372
1987	107,953	73,180	12,686	9,983	---- None reported ----	
1988	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

a/ Does not include colleges not reporting complete enrollment by June 15, 1989.
b/ "Total University" includes Medical and Health Science enrollments.
c/ The totals do not include all institutions in the State. Reporting of enrollment is voluntary so totals reflect only those schools responding. Totals are current as of May 15, 1988.
n.a. Not available.

Department of Finance, Demographic Research, (916) 322-4651
California Postsecondary Education Commission, Information Systems Library, (916) 322-8031

TABLE F-2

FALL 1988 ENROLLMENT AND 1987-88 DEGREES CONFERRED IN THE FOUR SEGMENTS OF HIGHER EDUCATION

	Community colleges a/	California State University	University of California b/	Total independent colleges and universities	Other public institutions c/
Total enrollment	1,277,903	355,106	161,522	n.a.	n.a.
Lower division	1,090,834	101,293	61,138	n.a.	n.a.
Upper division	---	183,636	59,863	n.a.	n.a.
Graduate	---	70,177 d/	28,376	n.a.	n.a.
First professional	---	---	6,748	n.a.	n.a.
Other/not known	187,069	---	5,397	n.a.	n.a.
Degrees conferred by type					
Associates	34,444	---	---	3,386	n.a.
Baccalaureate	---	46,446	23,466	21,690	n.a.
Masters	---	8,960	5,893	16,446	n.a.
Doctorate	---	19	2,297	2,210	n.a.
First professional	---	---	1,846	---	n.a.
Other/not known	12,558	---	780	3,008	n.a.

a/ Credit enrollments only.
b/ "Total University" includes Health Science, Interns and Residents, and First Professional enrollments.
c/ California Maritime Academy, UC Hastings College of the Law.
d/ Includes post-baccalaureate students.

California Postsecondary Education Commission
Information Systems Library, (916) 322-8031

TABLE F-3

SELECTED DATA ON PUBLIC AND PRIVATE SCHOOLS GRADES K-12, CALIFORNIA, 1983-84 TO 1988-89

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Number of public school districts	1,029	1,029	1,028	1,028	1,025	1,018
Number of schools						
Public	7,245	7,416	7,362	7,384	7,125	7,237
Private	4,578	4,969	5,457	5,684	6,270	6,880
Fall enrollment						
Public	4,089,017	4,151,110	4,255,554	4,377,989	4,488,398	4,618,120
Private	539,961	540,127	536,920	531,183	528,561	524,722
Number of full-time teachers						
Public	169,243	173,838	179,660	185,151	189,564	192,808
Private	28,249	29,171	29,832	30,745	31,035	32,006
Number of graduates						
Public a/	232,199	225,448	242,164	237,414	249,518	n.a.
Private	25,434	25,695	23,124	25,507	25,189	n.a.

a/ Includes day school and evening or adult high school graduates.
n.a. Not available.

Department of Education
Educational Demographics Unit
(916) 322-7373

TABLE F-4

GRADES K-12, CALIFORNIA PUBLIC SCHOOLS, 1978, 1980 TO 1988

	1978	1980	1981	1982	1983	1984	1985	1986	1987	1988
Enrollment, Fall a/ b/	4,605,787	4,076,421	4,046,156	4,065,486	4,089,017	4,151,110	4,255,554	4,377,989	4,488,398	4,618,120
Elementary (Grades K-8)	2,728,637	2,690,507	2,723,910	2,747,713	2,764,036	2,800,296	2,879,503	2,995,622	3,118,101	3,246,313
High school (Grades 9-12)	1,312,961	1,251,481	1,252,766	1,237,025	1,249,967	1,278,447	1,300,762	1,305,518	1,289,806	1,266,650
Special classes c/	146,369	134,424	69,480	80,748	75,014	72,367	75,289	76,849	80,491	105,157
Classes for adults d/ e/	417,820	912,019	1,536,318	1,474,831	1,474,814	1,508,705	1,614,400	1,637,658	1,724,375	1,726,152
Certificated personnel, Fall (FTE)										
Total	209,799	207,215	203,378	203,122	201,868	207,585	213,238	221,063	226,783	230,198
Teachers	180,618	172,878	171,935	172,145	173,546	178,401	183,211	189,978	195,475	198,521
Nonteaching personnel										
School districts	27,310	32,191	28,901	28,563	26,054	26,886	27,811	28,740	29,015	29,229
County offices	1,871	2,146	2,542	2,414	2,268	2,298	2,216	2,352	2,301	2,448

	1977-78	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Average daily attendance										
Total	4,596,078	4,166,726	4,159,748	3,961,822	3,989,373	4,013,299	4,091,171	4,205,896	4,333,154	n.a.
Unified districts	3,086,637	2,802,520	2,811,332	2,666,914	2,693,497	2,713,040	2,767,161	2,842,302	2,925,016	n.a.
Elementary districts	928,725	855,417	850,187	849,137	850,655	852,525	868,840	895,645	937,579	n.a.
High school districts	580,716	508,789	498,229	445,771	445,221	447,734	455,170	467,949	470,559	n.a.
State apportionments ($ mill.)	2,717.2	6,469.6	6,907.5	6,592.3	6,838.7	7,709.7	8,680.2	9,544.2	10,430.0	n.a.
State portion of Revenue Limit (Block grant)										
Elementary (Grades K-8) f/	1,428.1	5,400.9	5,603.5	5,111.1	5,334.3	5,995.2	6,762.1	7,399.5	8,130.4	n.a.
High school (Grades 9-12)	739.0									
County school service fund	70.3	176.1	147.8	172.2	188.2	205.0	228.8	247.3	272.6	n.a.
Special apportionments	479.9	592.7	1,156.2	1,309.0	1,316.2	1,509.5	1,689.3	1,897.4	2,027.0	n.a.
Revenues for public school support g/ ($ mill.)										
Total	9,428.6	10,569.7	11,572.0	11,674.5	11,838.2	12,897.2	14,487.9	16,408.7	17,704.9	n.a.
Local property tax	4,678.4	1,967.1	2,152.3	2,663.5	2,665.7	2,861.3	3,168.0	3,475.7	3,699.3	n.a.
State aid	3,498.0	6,901.1	7,457.3	7,251.0	7,461.7	8,169.1	9,378.9	10,885.5	11,892.6	n.a.
Federal aid	661.6	1,014.8	1,054.3	949.3	920.1	1,043.9	1,038.3	1,078.5	1,141.8	n.a.
Miscellaneous	590.6	686.8	908.1	810.7	790.7	822.9	884.7	969.0	971.2	n.a.

a/ Excludes adults from 1980 on.
b/ Enrollment is for a given date. Enrollment for the year exceeds the a.d.a.
c/ Ungraded enrollments including mentally and physically handicapped.
d/ Includes defined adults and some special students previously reported in high school.
e/ Duplicated count beginning in 1981.
f/ Beginning in 1978-79, breakdown for K-12 not available.
g/ Includes development centers for handicapped pupils prior to 1980-81.

Department of Education, Educational Demographics Unit, (916) 322-7373
Department of Education, Local Assistance Bureau, (916) 324-8646

TABLE F-5

NUMBER OF CALIFORNIA LIBRARIES, 1985 TO 1988

	As of September			
	1985	1986	1987	1988
Total California libraries (excluding school libraries)	990	967	905	895
Public libraries a/	169	169	169	169
Main libraries	163	163	163	163
Branch libraries (at least 1,400 sq. ft., at least 1 librarian, 1 clerical)	587	575	601	601
Library stations (fixed outlets smaller than branches)	340	382	371	338
Mobile library stops (served by book-mobiles, etc.) (75 vehicles operated by 53 libraries in 1988)	1,855	1,869	1,887	1,785
Total service outlets	2,945	2,989	3,022	2,887
Academic libraries, university and college b/				
State	29	29	29	29
Community	102	104	107	102
Private	53	52	53	66
Total	184	185	189	197
State agency b/c/				
State institutional	39	40	45	--
Legal	20	19	11	--
Medical	11	11	11	--
Nonprofit special	42	41	35	--
Total	112	111	102	--
Special libraries b/c/				
Legal	28	28	28	32
Medical	93	90	73	78
Religious	10	10	9	--
For Profit, special	178	162	139	131
Nonprofit, special	140	135	122	74
U.S. armed forces	18	19	12	--
Popular libraries	--	--	--	20
Special libraries	--	--	--	16
Special, state government offices	--	--	--	41
Resident, state institutions/schools	--	--	--	49
Branch libraries, academic institutions	--	--	--	30
Total	467	444	383	471
County law libraries (one maintained by each county)	58	58	58	58

a/ Jurisdictions providing library service, September 1988: 106 cities; 47 counties; 11 special library districts; 5 combined city-county libraries. Total 169.

b/ Not all operating libraries in these categories report annually to the State Library. Those not reporting for two years consecutively are purged from the list.

c/ New basis of count as of 1988. Included under special libraries are 50 operated by by the federal government and 108 by the state government.

California State Library
Library Development Services Bureau
(916) 322-0373

TABLE F-6

LIBRARY STATISTICS, STATEWIDE SUMMARY BY TYPE OF LIBRARY CALIFORNIA, 1977-78, 1985-86 TO 1987-88

Fiscal year, Type of library	Total operating expenditures ($1,000)	Salaries b/ ($1,000)	Library materials c/ ($1,000)	Staff FTE d/	Total volumes e/ (000)	Circulation (000)	Interlibrary loan: Borrow g/ (000)	Interlibrary loan: Lent h/ (000)	Reference i/ (000)
1977-78									
Total	359,128	233,474	68,835	16,841.78	92,063	152,706	570	565	38,298
Public libraries	194,231	126,931	27,690	9,657.20	45,173	126,006	292	247	34,701
Academic libraries	139,113	91,347	33,723	5,457.14	38,282	22,434	131	191	2,652
Special libraries	13,991	8,219	4,535	1,125.89	5,676	3,343	131	77	594
State agency libraries	6,672	4,459	872	360.05	1,171	751	16	49	263
County law libraries	5,121	2,518	2,015	241.50	1,760	173	1	1	89
1985-86									
Total	696,098	436,400	138,825	17,105.84	116,203	153,175	581	696	42,796
Public libraries	356,086	231,851	48,126	9,233.70	51,543	129,275	261	239	37,271
Academic libraries	273,985	170,641	71,372	5,879.95	51,374	20,016	175	296	4,538
Special libraries	43,116	22,660	13,086	1,434.21	9,716	3,096	136	118	797
State agency libs	11,404	6,121	1,498	346.53	1,290	788	9	43	190
County law libs	11,507	5,127	4,743	211.45	2,280	n.a.	n.a.	n.a.	n.a.
1986-87									
Total	756,873	471,035	150,379	17,510.91	120,301	156,157	628	701	40,745
Public Libraries	381,756	245,349	51,117	9,571.91	52,516	131,955	270	225	34,890
Academic Libraries	302,582	187,725	77,858	5,976.59	53,875	21,001	189	308	4,974
Special Libraries	43,723	23,594	14,062	1,423.55	10,415	2,322	157	118	637
State agency libs	15,176	8,433	1,732	322.86	1,135	879	12	50	244
County law libs	13,636	5,934	5,610	216.00	2,360	n.a.	n.a.	n.a.	n.a.
1987-88									
Total	767,237	475,933	155,740	17,672.29	116,543	161,280	724	813	41,804
Public Libraries	402,425	256,163	54,724	9,841.82	52,594	136,082	293	259	36,627
Academic Libraries	307,699	192,287	84,696	6,167.81	54,230	22,046	281	409	4,487
Special Libraries	27,489	13,471	8,918	1,162.18	6,379	2,365	143	96	552
State agency libs	15,012	7,864	1,623	282.65	922	787	7	49	138
County law libs	14,612	6,148	5,779	217.83	2,418	n.a.	n.a.	n.a.	n.a.

a/ Includes materials, salaries, operation, contract services, transfers and payments. Excludes capital outlay and transfer to reserves.
b/ Expenditure for staff salaries and benefits. Included in total operating expenditures.
c/ Expenditure for all library materials: books, periodicals, microforms, audiovisual materials. Excludes supplies, binding and materials leased on contract. Included in total operating expenditures.
d/ Total number of persons employed, professional and support, expressed in full-time equivalent (FTE). Full-time is normally 40 hours per week but not less than 36.
e/ Total count of volumes held at end of fiscal year, June 30.
f/ Total annual out-of-building circulation, all materials, all units.
g/ Number of items borrowed by reporting library on interlibrary loan from other libraries. Includes photocopies sent in lieu of interlibrary loans.
h/ Number of items lent by reporting library on interlibrary loan (ILL) to other libraries. Includes photocopies sent in lieu of interlibrary loans.
i/ Annual total of questions answered by reporting library: questions, readers assistance, bibliographies, research projects, data base searches. Includes activities requiring use of library collections and services and/or training and experience of staff, but not simple directional questions.

California State Library
Library Development Services Bureau
(916) 322-0373

SECTION G

RESOURCE INDUSTRIES

This section presents data relating to five basic resources of California: water, agriculture, forestry, fishing, and mining. The basic sources for these data are: the Department of Water Resources, Statewide Planning Branch; Department of Agriculture, Agricultural Statistics Service; Department of Forestry, Forestry Management Unit; Department of Fish and Game, Licensing Section; and the Department of Conservation, Division of Mines and Geology.

TABLE G-1

CALIFORNIA STATE WATER PROJECT: WATER DELIVERIES, 1988 a/

District or Agency	1988 Deliveries Acre-feet
Total	2,900,934
County of Butte	385
Last Chance Creek Water District	6,988
Plumas County Flood Control and Water Conservation District	523
Thermalito Irrigation District	2,417
City of Yuba City	303
Napa County Flood Control and Water Conservation District	7,038
Solano County Flood Control and Water Conservation District	13,452
Alameda County Flood Control and Water Conservation District-Zone 7	27,252
Alameda County Water District	33,464
Santa Clara Valley Water District	87,961
County of Kings	4,000
Devil's Den Water District	11,534
Dudley Ridge Water District	47,994
Empire West Side Irrigation District	3,475
Kern County Water Agency	1,009,520
Oak Flat Water District	4,412
Tulare Lake Basin Water Storage District	95,866
Antelope Valley-East Kern Water Agency	34,079
Castaic Lake Water Agency	18,904
Coachella Valley County Water District	20,652
Crestline-Lake Arrowhead Water Agency	2,006
Desert Water Agency	34,000
Littlerock Creek Irrigation District	419
Mojave Water Agency	9
Palmdale Water District	1,770
San Bernardino Valley Municipal Water District	21,386
San Gabriel Valley Municipal Water District	8,948
The Metropolitan Water District of Southern California	902,564
Federal CVP Water b/	499,613
1987 Advance Storage Program	0

a/ Includes contract entitlements; 67,581 AF of 1987 entitlements delivered in 1988; 8,749 AF recaptured from groundwater storage, non-SWP water to Napa County FC&WCD, and regulated deliveries of local supplies. Excludes recreation and fish and wildlife water.

b/ Includes Cross Valley Canal contractors, annual contracts, Decision 1485 water, and wheeling for fish protection.

Source: Department of Water Resources, Bulletin 132-89, The California State Water Project Current Activities and Future Management Plans.

Department of Water Resources
Division of Operations and Maintenance
State Water Project Analysis Office
(916) 324-0905

TABLE G-2

GROSS CAPACITIES OF RESERVOIRS BY HYDROGRAPHIC AREA, CALIFORNIA, 1988 a/

Hydrographic area	Aggregate capacity (acre feet)
Total	43,777,810
North Coastal	3,828,800
San Francisco Bay	808,845
Central Coastal	1,256,800
South Coastal	3,099,025
Central Valley	32,307,460
Sacramento River Basin	17,178,850
San Joaquin River-Tulare Lake Basin	15,128,610
Labontan	1,774,780
Colorado Desert b/	702,100

a/ All reservoirs in California with gross capacities of 1,000 acre-feet or more. Includes reservoirs constructed by Federal and state agencies, as well as those constructed by local agencies, concerns and persons.

b/ Includes Parker Reservoir on Colorado River.

Source: Department of Water Resouces Bulletin 17-84: Dams Within Jurisdiction of California, August, 1984 and staff.

Department of Water Resources
Statewide Planning Branch
(916) 445-2985

TABLE G-3

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Oroville	Feather River, Butte	DWR	1968	Earth	742	3,540,000	Mult. purp.	Dom. irr., mun., pwr., rec.
New Bullards Bar	North Yuba River, Yuba	Yuba Co. WA	1970	Variable radius arch	635	969,600	Stor.	Dom., irr., pwr., rec.
New Melones	Stanislaus River, Calaveras	USBR	1979	Rockfill	594	2,420,000	Mult. purp.	Irr., pwr., rec.
Don Pedro	Tuolume River, Tuolumne	Turlock and Modesto ID	1971	Earth	568	2,030,000	Div., FC, stor.	Dom., irr., pwr., rec.
Shasta	Sacramento River, Shasta	USBR	1945	Gravity	533	4,552,000	Mult. purp.	Irr., pwr., rec.
New Exchequer	Merced River, Mariposa	Merced ID	1967	Rockfill	479	1,032,000	Mult. purp.	Irr., pwr., rec.
Trinity	Trinity River, Trinity	USBR	1962	Earth	465	2,448,000	Mult. purp.	Irr., mun., pwr., rec.
Union Valley	Silver Creek, El Dorado	Sacramento MUD	1963	Earth	453	271,000	Stor.	Pwr., rec.
Castaic	Castaic Creek, Los Angeles	DWR	1973	Earth	340	324,000	Stor.	Irr., mun., rec.
Pine Flat	Kings River, Fresno	USCE	1954	Gravity	424	1,113,000	Mult. purp.	Irr., rec.
Lower Hell Hole	Rubicon River, Placer	Placer Co. WA	1966	Rockfill	410	208,400	Div., stor.	Dom., irr., mun.
Mammoth Pool	San Joaquin River, Fresno	Southern California Edison Co.	1960	Earth	406	123,000	Stor.	Dom., pwr., rec.
Pyramid	Piru Creek, Los Angeles	DWR	1973	Rockfill	386	179,000	Mult. purp.	Irr., mun., pwr., rec.
Pacoima	Pacoima Creek, Los Angeles	Los Angeles Co. FCD	1929	Variable radius arch	365	3,900	FC, stor.	--
Pardee	Mokelumne River, Amador	East Bay MUD	1929	Gravity	345	210,000	Div., stor.	Mun., rec.
San Gabriel No. 1	San Gabriel River, Los Angeles	Los Angeles Co. FCD	1938	Earth and rock	320	44,600	FC, stor.	--
Warm Springs	Dry Creek, Sonoma	USCE	1982	Earth	319	381,000	FC, stor.	Irr., rec.
Cherry Valley	Cherry Creek, Tuolumne	City and Co. of San Francisco	1956	Earth and rock	315	268,000	Div., stor.	Dom., irr., mun., pwr.
Salt Springs	N. Fk. Mokelumne R., Amador	PG&E	1931	Rockfill	328	144,000	Div., stor.	Pwr.
Courtright	Helms Creek, Fresno	PG&E	1958	Rockfill	315	123,300	Stor.	Pwr.
San Luis	San Luis Creek, Merced	USBR	1967	Earth	313	2,041,000	Stor.	Ind., irr., mun., pwr., rec.
O'Shaughnessy	Tuolumne River, Tuolumne	City and Co. of San Francisco	1923	Gravity	312	340,000	Stor.	Dom., mun., pwr.
Friant	San Joaquin River, Fresno	USBR	1942	Gravity	296	520,500	FC, stor.	Irr., rec.
Donnells	M. Fk. Stanislaus R., Tuolumne	Oakdale and South San Joaquin ID	1958	Variable radius arch	291	64,500	Stor.	Irr., pwr.
Casitas	Coyote Creek, Ventura	USBR	1959	Earth	285	254,000	Mult. purp.	Dom., irr., mun., rec.
Folsom	American River, Sacramento	USBR	1956	Gravity	281	1,010,000	Mult. purp.	Dom., irr., mun., pwr., rec.
Beardsley	M. Fk. Stanislaus R., Tuolumne	Oakdale and South San Joaquin ID	1957	Earth and rock	278	97,500	Stor.	Irr., pwr.
Lake Spaulding	South Fork Yuba R., Nevada	PG&E	1913	Variable radius arch	275	74,800	Div., stor.	Pwr., rec.
Briones	Bear Creek, Contra Costa	East Bay, MUD	1964	Earth	273	67,500	Div., stor.	Dom., mun.
Sly Creek	Lost Creek, Butte	Oroville-Wyandotte ID	1961	Earth	271	65,050	Reg., stor.	Dom., irr., mun., rec.

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Whiskeytown	Clear Creek, Shasta	USBR	1963	Earth and rock	270	241,100	Mult. purp.	Irr., mun., pwr., rec.
Cogswell	W. Fk. San Gabriel R., Los Angeles	Los Angeles Co. FCD	1935	Rockfill	266	8,853	FC, stor.	Dom., irr., pwr.
Wishon	North Fork Kings R., Fresno	PG&E	1958	Rockfill	265	128,000	Div., stor.	Pwr.
Mathews	Trib. Cajalco Creek, Riverside	MWD	1938	Earth	264	182,000	Stor.	Dom., mun.
Englebright	Yuba River, Yuba	USCE	1941	Variable radius arch	260	70,000	Deb. cont.	Pwr.
New Spicer Meadow	Highland Creek, Tuolumne	Calaveras Co. WD	UC	Rockfill	257	180,000	Stor.	Irr, Pwr, Dom.
Monticello	Putah Creek, Napa	USBR	1957	Constant radius arch	255	1,602,000	Mult. purp.	Dom., irr., mun., rec.
Terminus	Kaweah River, Tulare	USCE	1962	Earth and rock	250	266,000	Mult. purp.	Irr., rec.
Cedar Springs	W. Fk. Mojave, San Bernardino	DWR	1971	Rockfill	236	78,000	Div., stor.	Dom., irr., mun.
Morris	San Gabriel River, Los Angeles	MWD	1935	Gravity	245	27,500	Div., stor.	Dom., mun.
Lower Bear River	Bear River, Amador	PG&E	1952	Rockfill	243	52,000	Div., stor.	Dom., irr., pwr.
Rollins	Bear River, Nevada	Nevada ID	1965	Earth and rock	242	66,000	Div., stor.	Dom., irr., mun., pwr., rec.
El Capitan	San Diego River, San Diego	City of San Diego	1934	Hydraulic fill	237	112,800	Stor.	Mun.
Leroy Anderson	Coyote River, Santa Clara	Santa Clara Valley WD	1950	Earth and rock	235	91,300	Stor.	Dom., ind., irr.
Del Valle	Arroyo Del Valle, Alameda	DWR	1968	Earth	222	77,100	Stor.	Irr., mun., rec.
Big Creek No.7	San Joaquin River, Fresno	So. Calif. Edison Co.	1951	Gravity	233	35,000	Div., stor.	Pwr.
Slab Creek	S. Fk. American R., El Dorado	Sacramento MUD	1967	Variable radius arch	233	16,600	Div., stor.	Dom., mun., pwr.
Stampede	Little Truckee River, Sierra	USBR	1970	Earth	232	226,500	Stor.	Irr., rec.
McCloud	McCloud River, Shasta	PG&E	1965	Earth	230	35,300	Div., stor.	Pwr.
Pit No.7	Pit River, Shasta	PG&E	1965	Gravity	230	34,000	Div., stor.	Pwr.
Peters	Laqunitas Creek, Marin	Marin Mun. WD	1954	Earth	230	32,900	Stor.	Mun.
L. L. Anderson	M. Fk. American R., Placer	Placer Co. WA	1965	Earth	229	133,700	Div., stor.	Dom., irr., mun., pwr., rec.
New Lake Arrowhead	Little Bear Cr., San Bernardino	County of San Bernardino	1976	Earth	225	1,970	Stor.	Rec.
Big Santa Anita	Trib. Rio Hondo Cr., Los Angeles	Los Angeles Co. FCD	1927	Variable radius arch	225	805	FC, stor.	Dom., irr., mun.
San Joaquin Reservoir	Trib. Bonita Creek, Orange	Irvine Ranch WD	1966	Earth	224	3,036	Stor.	Dom., mun.

Ramona	Green Valley Creek, San Diego	Romona Mun. WD	UC	Earth	220	11,200	Stor.	Mun., irr.
Indian Valley	Trib. Cache Cr., Lake	Yolo Co. FCWCD	1976	Earth	220	300,000	FC, stor.	Irr., rec.
Twitchell	Cuyama River, San Luis Obispo	USBR	1958	Earth	216	2,400,000	Mult. purp.	Dom., irr., mun., rec.
Brush Creek	Brush Creek, El Dorado	Sacramento MUD	1970	Variable radius arch	213	1,750	Stor., Div.	Pwr., dom., mun.
Santa Felicia	Piru Creek, Ventura	United WCD	1955	Earth	213	100,000	Stor.	Dom., ind., irr., mun.
Nacimiento	Nacimiento R., San Luis Obispo	Monterey Co. FC&WCD	1957	Earth	210	350,000	FC, stor.	Dom., irr., mun., rec.
Calaveras	Calaveras Creek, Alameda	City and Co. of San Francisco	1925	Hydraulic fill	210	100,000	Stor.	Dom., mun.
Little Grass Valley	S. Fk. Feather R., Plumas	Oroville--Wyandotte ID	1961	Rockfill	210	93,000	Stor.	Dom., irr., mun., pwr.
Iron Canyon	Cedar Salt Dog Creek, Shasta	PG&E	1965	Earth	210	24,300	Div., stor.	Pwr.
New Hogan	Calaveras River, Calaveras	USCE	1963	Earth and rock	210	325,000	Mult. purp.	Irr., rec.
Big Tujunga No.1	Big Tujunga Creek, Los Angeles	Los Angeles Co. FCD	1931	Variable radius arch	208	6,000	FC, stor.	Dom., mun.
Bradbury	Santa Ynez R., Santa Barbara	USBR	1953	Earth and rock	206	205,000	Mult. purp.	Irr., mun.
Tulloch	Stanislaus River, Calaveras	Oakdale and South San Joaquin ID	1958	Gravity	205	68,400	Stor.	Irr., pwr.
Lexington	Los Gatos Creek, Santa Clara	Santa Clara Valley WD	1953	Earth	205	21,400	Stor.	Irr.
Box Canyon	Sacramento River, Siskiyou	Siskiyou Co. FCWCD	1969	Gravity	204	26,000	Stor.	Rec.
Mojave	W. Fort Mojave R., San Bernardino	USCE	1971	Earth	204	157,000	FC	--
Lake Loveland	Sweetwater River, San Diego	South Bay ID	1945	Variable radius arch	203	25,400	Div., stor.	Dom., ind., irr., mun.
San Antonio	San Antonio River, Monterey	Monterey Co. FCWCD	1965	Earth	201	350,000	FC, stor.	Dom., ind., irr., mun., rec.
Chet Harritt	Quail Canyon Creek, San Diego	Helix WD	1962	Earth	200	9,970	Stor.	Irr., mun., rec.
San Vicente	San Vicente Creek, San Diego	City of San Diego	1943	Gravity	203	90,200	Div., stor.	Dom., mun.
Jackson Meadows	M. Fk. Yuba River, Nevada	Nevada ID	1965	Rockfill	195	52,500	Stor.	Dom., irr., mun., pwr., rec.
Mulholland	Weid Canyon, Los Angeles	City of Los Angeles	1924	Gravity	195	4,000	Stor.	Dom., mun.
James H. Turner	San Antonio Creek, Alameda	City and Co. of San Francisco	1964	Earth	193	50,500	Stor.	Dom., mun.
Whale Rock	Old Creek, San Luis Obispo	DWR	1960	Earth	193	40,700	Stor.	Dom., irr., mun.
Jackson Creek	Jackson Creek, Amador	Jackson Valley ID	1965	Earth and rock	193	22,000	Stor.	Irr., rec.
Buchanan	Chowchilla River, Madera	USCE	1975	Earth and rock	192	150,000	FC, stor.	Irr., rec.
Spring Creek Debris	Spring Creek, Shasta	USBR	1963	Earth	190	5,900	Deb. Cont.	--
Lake Arrowhead	Little Bear Creek, San Bernardino	Arrow Lake Assoc.	1922	Hydraulic fill	190	48,000	Stor.	Dom., irr., pwr., rec.
Bouquet Canyon	Bouquet Creek, Los Angeles	City of Los Angeles	1934	Earth	190	36,500	Stor.	Mun.
Isabella	Kern River, Kern	USCE	1953	Earth	185	842,000	Mult. purp.	Irr., rec.
Camp Far West	Bear River, Placer	South Sutter WD	1963	Earth	185	103,000	Stor.	Irr., rec.
Shaver Lake	Stevenson Creek, Fresno	Southern California Edison Co.	1927	Gravity	180	135,300	Div., stor.	Pwr.
Camanche	Mokelumne River, San Joaquin	East Bay MUD	1963	Earth	171	431,500	FC, stor.	Mun.

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Vermillion Valley	Mono Creek, Fresno	Southern California Edison Co.	1954	Earth	167	125,000	Stor.	Dom. pwr.
Coyote Valley	E. Fk. Russian R., Mendocino	USCE	1959	Earth	164	129,600		
Success	Tule River, Tulare	USCE	1961	Earth	142	202,000		
Lake Almanor	N. Fk. Feather R., Plumas	PG&E	1927	Hydraulic fill	130	1,308,000	Div., stor.	Irr., pwr.
Perris	Offstream, Riverside	DWR	1973	Earth	130	131,500	Stor.	Irr., mun., rec.
Long Valley	Owens River, Mono	City of Los Angeles	1941	Earth	126	183,500	Stor.	Dom., irr., pwr.
Bucks Storage	Bucks Creek, Plumas	PG&E	1928	Rockfill	122	103,000	Stor.	Irr., pwr.
Black Butte	Stoney Creek, Tehama	USCE	1963	Earth	135	370,000	FC	Irr., rec.
Parker	Colorado R., San Bernardino	USBR	1938	Variable radius arch	85	648,000	FC, stor	Mun, pwr.
Clear Lake Impounding	Cache Creek, Lake	Yolo Co. FCWCD	1914	Gravity	38	315,000	Stor.	Irr., rec.
Clear Lake	Lost River, Modoc	USBR	1910	Earth and rock	32	388,500	FC, stor.	Irr., rec.
Buena Vista	Kern River, Kern	J. G. Boswell Co. & Tenneco West Inc.	1890	Earth	20	205,000	Stor.	Irr.
Lake Tahoe	Truckee River, Placer	USBR	1913	Gravity	14	732,000	Reg., stor.	Irr., pwr., rec.

NOTE: This list of 102 dams includes those of at least 190 feet in height or at least 100,000 acre feet of reservoir capacity. There are more than 1,200 dams within the safety jurisdiction of the State, which is exercised over dams which are 25 feet high or more storing more than 15 acre-feet of water, or which are more than six feet high storing at least 50 acre-feet. Federally operated dams, 27 of which are listed here, are exempt from State safety supervision. The "height" listed is the vertical distance from the crest of the dam to the original streambed at the downstream toe of the dam.

a/ Abbreviations:

- Co.--Company, County
- DWR--California Department of Water Resources
- FCD--Flood Control District
- FCWCD--Flood Control and Water Conservation District
- FCWD--Flood Control and Water District
- ID--Irrigation District
- MUD--Municipal Utility District
- MWD--Metropolitan Water Distict of Southern California
- PG&E--Pacific Gas and Electric Company
- UC--Under Construction
- USBR--United States Bureau of Reclamation
- USCE--United States Corps of Engineers
- WA--Water Agency
- WCD--Water Conservation District
- WD--Water District

b/ Abbreviations (Purpose of dam):

- Mult. purp.--Multiple purpose
- Stor.--Storage
- Div.--Diversion
- Reg.--Regulation
- FC--Flood Control
- Deb. cont.--Debris Control

Abbreviations (Use of water)

- Irr.--Irrigation
- Pwr.--Power
- Rec.--Recreation
- Mun.--Municipal
- Dom.--Domestic
- Ind.--Industrial

Source: Department of Water Resources, Bulletin No. 17-88, Dams within Jurisdiction of the State of California, October 1988. Division of Safety of Dams Statistical File.

Department of Water Resources
Safety of Dams
(916) 323-5379

TABLE G-4

THE CALIFORNIA STATE WATER PROJECT: SUMMARY OF POWERPLANTS a/

Name	County	Actual or estimated year of completion b/	Number of units	Static head c/ (feet)	Power generator output f/ (kW)	Average annual energy output f/ (MWH)
Total					3,149,670	7,151,000
Hydroelectric						
Edward Hyatt	Butte	1969	6	410/676	643,140	2,178,000
Thermalito	Butte	1969	4	85/102	110,160	included above
Thermalito Diversion Dam	Butte	1987	1	63/77	2,970	18,000
San Luis	Merced	1968	8	99/327	424,000	195,000 e/
Alamo	Los Angeles	1985	1	115/141	17,000	110,000
Devil Canyon	San Bernardino	1972	4 f/	1,368/1,421	272,000	1,723,000
Castaic d/	Los Angeles	1972	7	830/1,048	1,250,000	569,000
W. E. Warne	Los Angeles	1982	2	719/739	70,400	358,000
Coal Fired						
Reid Gardner Unit #4	Clark County, Nv.	1983	1	n.a.	250,000	1,280,000 e/
Geothermal						
Bottle Rock	Lake	1985	1	n.a.	55,000	360,000
South Geysers	Sonoma	Not scheduled	1	n.a.	55,000	360,000

a/ From Department of Water Resources, Bulletin 132-89, "Management of the California State Water Project".
b/ Initial operation of the plants.
c/ Minimum and maximum static heads.
d/ Constructed and operated by the City of Los Angeles using project water.
e/ State share only.
f/ Under full development.
n.a. Not applicable.

Department of Water Resources
Division of Operations and Maintenance
State Water Project Analysis Office
(916) 324-0905

TABLE G-5

NET IRRIGATED ACRES a/ BY HYDROLOGIC STUDY AREA, CALIFORNIA, 1985

Hydrologic Study Area	Thousands
Total	9,169 b/
North Coastal	318
San Francisco	61
Central Coastal	441
Los Angeles	100
Santa Ana	130
San Diego	100
Sacramento	2,040
San Joaquin	1,962
Tulare Lake	3,165
North Lahontan	151
South Lahontan	76
Colorado River	625

a/ Based on land and water use surveys conducted by the Department of Water Resources.
b/ 300,000 to 400,000 acres out of production due to government programs.

Department of Water Resources
Statewide Planning Branch
(916) 445-2985

TABLE G-6

MUNICIPAL WATER SUPPLIES SELECTED SELECTED CITIES AND AGENCIES FISCAL YEAR 1987-88 a/

City or district	Million gallons
Eureka d/	1,577
Santa Rosa d/	6,935
San Francisco d/	101,585
East Bay Municipal Utility District e/	74,800 b/
Santa Barbara d/	5,255
Santa Cruz d/	4,068
Metropolitan Water District of Southern California c/ f/	626,880 b/
Long Beach d/	24,704
Los Angeles d/	223,227
San Diego d/	79,809
Redding d/	5,714
Sacramento g/	38,041
Fresno d/	30,442
Yreka d/	789
Tehachapi d/	422
El Centro d/	2,378

a/ Gross water produced
b/ Gross water deliveries
c/ Includes part of water supply for Long Beach, Los Angeles and San Diego, listed above.

Sources (supplemented by DWR staff):
d/ State Controller's Office
e/ East Bay Municipal Utility District
f/ Metropolitan Water District of Southern California
g/ City of Sacramento

Department of Water Resources
Statewide Planning Branch
(916) 445-2985

TABLE G-7

CALIFORNIA FARMS, 1987 a/

Item	Amount
All land in farms (acres)	30,598,178
All cropland harvested (acres)	7,676,287
Irrigated land in farms b/ (acres)	7,596,091
Average size of farms (acres)	368
Number of farms by size group	
Total	83,217
Under 10 acres	22,697
10-49 acres	28,498
50-179 acres	15,017
180-499 acres	8,028
500-999 acres	3,804
1,000 acres or more	5,173

a/ All farms with sales of $1,000 or more.
b/ Includes both cropland and pasture.

Source: U.S. Department of Commerce, Bureau of Census, Census of Agriculture, 1987, (Preliminary).

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-8

NUMBER OF FARMS, LAND AREA AND AVERAGE SIZE OF FARM, 1987

County	Number of farms	Land in farms (acres)	Average size of farm (acres)	Percent of land area in farms	Cropland harvested (acres)
Total	83,217	30,598,178	368	30.5	7,676,287
Alameda	692	241,276	349	51.4	15,643
Alpine	---	---	---	---	---
Amador	371	218,532	589	57.6	5,749
Butte	2,030	494,530	244	46.5	181,867
Calaveras	431	253,421	588	38.6	1,987
Colusa	764	456,266	597	61.8	214,297
Contra Costa	840	200,262	238	42.6	30,267
Del Norte	84	13,139	156	2.0	2,934
El Dorado	738	128,135	174	11.7	3,632
Fresno	7,590	1,975,373	260	51.7	1,010,151
Glenn	1,170	490,732	419	58.2	181,890
Humboldt	890	616,267	692	26.9	13,512
Imperial	804	542,958	675	19.8	409,682
Inyo	94	219,816	2338	3.4	d/
Kern	2,255	3,037,068	1347	58.2	746,185
Kings	1,204	702,173	583	78.6	441,602
Lake	873	154,903	177	19.3	23,336
Lassen	413	517,976	1254	17.8	63,614
Los Angeles	2,035	280,156	138	10.8	37,102
Madera	1,746	757,263	434	55.2	239,133
Marin	285	167,590	588	50.4	4,123
Mariposa	255	236,709	928	25.4	1,832
Mendocino	1,067	777,264	728	34.6	26,299
Merced	3,048	1,049,302	344	82.7	382,246
Modoc	495	729,023	1473	27.8	108,517
Mono	76	72,900	959	3.8	8,871
Monterey	1,364	1,384,702	1015	65.1	214,053
Napa	1,197	258,197	216	53.2	43,328
Nevada	386	56,179	146	9.0	2,276
Orange	504	108,887	216	21.8	18,888
Placer	1,233	168,223	136	18.5	23,158
Plumas	109	88,132	809	5.4	12,880
Riverside	3,874	491,150	127	10.7	217,994
Sacramento	1,586	412,225	260	65.5	115,478
San Benito	704	631,888	898	70.7	50,154
San Bernardino	1,938	1,682,364	868	13.1	39,642
San Diego	6,259	529,964	85	19.5	82,419
San Francisco	---	---	---	---	---
San Joaquin	4,365	823,729	189	91.3	457,638
San Luis Obispo	1,991	1,444,385	725	68.1	123,171
San Mateo	330	63,511	192	21.9	8,079
Santa Barbara	1,756	869,969	495	49.6	91,383
Santa Clara	1,312	347,504	265	41.7	28,725
Santa Cruz	813	55,205	68	19.6	20,469
Shasta	899	377,352	420	15.5	26,023
Sierra	46	51,352	1116	8.4	3,782
Siskiyou	765	[illegible],385	875	16.6	97,739
Solano	895	[illegible]297	359	60.7	117,395
Sonoma	3,039	[illegible]539	181	54.4	86,695
Stanislaus	4,630	[illegible]9,845	155	75.0	288,899
Sutter	1,438	[illegible]973	248	91.6	230,996
Tehama	1,420	[illegible],584	778	58.0	69,032
Trinity	133	104,010	782	5.1	1,194
Tulare	5,911	1,410,172	239	45.5	598,783
Tuolumne	271	121,119	447	8.3	d/
Ventura	2,120	328,960	155	27.8	107,269
Yolo	1,011	505,597	500	76.4	277,071
Yuba	654	222,748	341	54.6	62,361

d/ Withheld to avoid disclosing data for individual farms.

Source: 1987 (Preliminary) Census of Agriculture. A farm is any place from which $1,000 or more of agricultural products were sold, or normally would have been sold, during the census year.

Department of Food and Agriculture, California Agricultural Statistics Service
(916) 445-6076

TABLE G-9

CASH RECEIPTS BY COMMODITIES AND COMMODITY GROUPS, CALIFORNIA 1985 TO 1987

(In thousands of dollars)

Commodity	1985	1986	1987
FIELD CROPS			
Alfalfa seed	46,051	42,780	44,140
Barley	70,253	38,281	38,590
Beans, dry	84,322	76,89[illegible]	84,802
Corn for grain	109,915	70,908	47,322
Cotton lint	837,588	928,505	920,377
Cottonseed	84,969	41,629	49,197
Hay, all	533,457	423,635	521,951
Oats	4,934	3,862	4,367
Potatoes	179,091	141,037	136,258
Rice	150,976	165,469	91,323
Safflower	24,092	n.a.	n.a.
Sorghum grain	6,070	3,037	2,399
Sugar beets	163,882	172,502	212,629
Sweet potatoes	19,069	18,029	18,935
Wheat	231,154	136,413	117,892
Other field crops	62,096	63,813	58,350
Total	2,607,919	2,326,792	2,348,532
Percent of total cash receipts	17.8	15.5	14.7
FRUIT AND NUT CROPS			
Apples	64,692	51,240	62,607
Apricots	26,276	18,564	33,451
Cherries	24,641	10,211	28,445
Figs	9,942	13,754	15,313
Nectarines	68,723	75,720	65,545
Peaches, Clingstone	100,925	85,603	95,612
Peaches, Freestone	55,179	68,508	68,252
Pears	69,121	67,803	63,467
Persimmons	5,000	6,400	6,200
Plums	85,512	99,857	75,361
Pomegranates	5,529	7,666	5,631
Prunes	99,175	88,571	123,247
Almonds	360,640	461,568	615,600
Pistachios	36,471	79,501	45,477
Walnuts	174,762	194,400	234,650
Grapes	878,623	1,045,911	1,199,792
Kiwifruit	16,667	24,102	18,886
Avocados	123,760	151,406	101,376
Dates	23,236	17,208	15,612
Olives	54,336	66,231	41,985
Grapefruit	56,810	57,935	66,923
Lemons	191,009	116,198	112,386
Oranges, Navel & misc.	232,846	278,741	228,546
Oranges, Valencia	208,360	128,972	179,680
Tangerines	22,561	24,803	21,670
Other fruits and nuts	29,365	19,410	33,515
Total	3,024,161	3,260,283	3,559,229
Percent of total cash receipts	20.7	21.7	22.3
NURSERY AND GREENHOUSE PRODUCTS	1,289,475	1,338,244	1,463,507
Percent of total cash receipts	8.8	8.9	9.1

Commodity	1985	1986	1987
VEGETABLE CROPS			
Asparagus	74,666	75,513	74,746
Broccoli	215,264	214,030	212,562
Cantaloups	131,543	156,934	147,980
Carrots	115,733	147,713	125,952
Casaba melons	3,324	6,555	4,860
Cauliflower	126,441	150,205	147,156
Celery	134,675	147,764	136,348
Chili peppers	10,973	9,352	9,510
Crenshaw melons	4,166	4,728	3,478
Cucumbers	13,886	12,936	12,177
Honeydews	34,915	41,800	43,754
Lettuce	472,153	485,243	598,232
Mushrooms	109,483	104,451	115,818
Onions	116,082	108,056	129,125
Strawberries	333,913	385,245	407,657
Sweet corn	22,079	24,150	20,216
Tomatoes (fresh)	150,627	180,956	177,346
Tomatoes (processed)	391,141	403,076	383,382
Other vegetables	603,883	625,174	659,284
Total	3,064,947	3,283,881	3,409,583
Percent of total cash receipts	21.0	21.8	21.3
LIVESTOCK, POULTRY AND PRODUCTS			
Broilers	274,495	312,736	341,053
Cattle & calves	1,251,989	1,319,211	1,552,109
Eggs	335,500	347,362	307,548
Farm chickens	7,372	7,673	5,580
Hogs	22,142	28,134	31,680
Honey	--	14,602	8,415
Milk & cream	2,078,403	2,058,008	2,166,126
Sheep & lambs	51,770	57,830	94,663
Turkeys	204,672	208,926	180,081
Wool	5,448	5,431	6,978
Other livestock & poultry	92,431	75,400	46,748
Total	4,324,222	4,435,313	4,740,981
Percent of total cash receipts	29.6	29.5	29.7
TOTAL CASH RECEIPTS FROM MARKETINGS	14,310,724	14,644,513	15,521,832
Percent of total cash receipts	97.9	97.4	97.1
GOVERNMENT PAYMENTS	301,500	387,900	462,000
Percent of total cash receipts	2.1	2.6	2.9
TOTAL CASH RECEIPTS FROM FARMING	14,612,224	15,032,413	15,983,832

n.a. Not available
Source: Economic Research Service

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-10

FARM INCOME AND EXPENSES, CALIFORNIA, 1983 TO 1987

(In millions of dollars)

Item	1983	1984	1985	1986	1987
Gross farm income a/	14,494.6	16,082.2	15,738.2	15,477.7	16,786.4
Cash income	13,817.6	14,982.6	14,881.9	15,266.7	16,246.2
Farm marketings	13,228.3	14,418.4	14,310.7	14,644.5	15,521.8
Crops	9,015.4	9,889.7	9,986.5	10,209.2	10,780.9
Livestock and products	4,212.9	4,528.8	4,324.2	4,435.3	4,741.0
Government payments	352.6	335.3	301.5	387.9	462.0
Other farm income	236.6	228.9	269.7	234.3	262.4
Machine hire/customwork	56.1	66.6	91.6	59.1	91.2
Other farm-related income b/	180.5	162.3	178.0	175.2	171.2
Noncash income	800.5	795.5	717.8	656.6	576.2
Value of home consumption	37.1	42.1	26.6	31.9	29.0
Rental value of dwellings	763.4	753.4	691.1	624.6	547.2
Operator dwellings	726.6	717.5	658.9	595.7	518.5
Hired laborer dwellings	36.8	35.9	32.2	28.9	28.8
Value of inventory adjustment	(123.5)	304.1	138.5	(445.6)	(36.0)
Total production expenses a/	11,936.4	12,179.1	11,583.9	10,859.9	11,104.6
Intermediate product expenses	6,204.6	6,418.6	5,967.0	5,506.7	5,739.8
Farm origin	2,756.3	2,737.1	2,341.3	2,271.8	2,387.5
Feed purchased	1,976.7	1,891.4	1,680.4	1,507.2	1,473.0
Livestock and poultry purchased	623.9	666.2	486.6	609.3	757.9
Seed purchased	155.7	179.4	174.3	155.3	156.6
Manufactured inputs	1,566.3	1,679.9	1,643.8	1,343.2	1,396.2
Fertilizer and lime	379.8	443.8	417.1	304.0	301.6
Pesticides	454.5	521.7	546.5	490.7	502.0
Fuel and oil	427.8	407.3	375.4	273.1	253.3
Electricity	304.2	307.1	304.8	275.3	339.3
Other	1,882.0	2,001.6	1,981.9	1,891.7	1,956.0
Repair and maintenance	275.6	261.5	273.3	274.1	269.8
Other miscellaneous c/	1,606.4	1,740.2	1,708.6	1,617.6	1,686.3
Interest	1,762.5	1,771.2	1,671.4	1,532.9	1,373.1
Real estate	861.5	886.0	861.7	796.5	740.3
Nonreal estate	901.0	885.2	809.7	736.3	632.8
Contract and hired labor expenses	2,271.0	2,288.2	2,297.0	2,320.4	2,521.1
Cash labor expenses d/	2,160.5	2,171.2	2,191.4	2,230.4	2,412.2
Perquisites	110.5	117.0	105.6	90.0	108.9
Net rent to nonoperator landlords e/	373.2	429.1	428.4	404.7	445.9
Capital consumption	1,067.1	1,042.8	976.9	860.2	792.4
Property taxes	257.9	229.3	243.2	235.1	232.3
NET FARM INCOME	2,558.2	3,903.1	4,154.3	4,617.8	5,681.8
Cash income f/	13,817.6	14,982.6	14,881.9	15,266.7	16,246.2
Cash expenses f/	10,603.9	10,866.0	10,341.8	9,747.6	10,062.9
Intermediate product expenses	6,122.8	6,336.8	5,877.8	5,423.8	5,660.2
Interest	1,708.5	1,717.2	1,620.0	1,470.8	1,329.8
Cash labor expenses d/	2,160.5	2,171.2	2,191.4	2,230.4	2,412.2
Net rent to nonoperator landlords e/	373.2	429.1	428.4	404.7	445.9
Property taxes	238.8	211.7	224.2	218.0	214.7
NET CASH INCOME	3,213.7	4,116.6	4,540.1	5,519.0	6,183.4
Cash income	13,817.6	14,982.6	14,881.9	15,266.7	16,246.2
Cash expenses	10,603.9	10,866.0	10,341.8	9,747.6	10,062.9
Capital consumption	822.2	801.7	755.3	673.3	624.6
NET BUSINESS INCOME g/	2,391.5	3,314.9	3,784.8	4,845.8	5,558.7

TABLE G-10 (Continued)

FARM INCOME AND EXPENSES, CALIFORNIA, 1983 TO 1987
(In millions of dollars)

Item	1983	1984	1985	1986	1987
Gross receipts of farms h/	13,768.0	15,364.7	15,079.2	14,882.0	16,267.9
Nonfactor payments f/	7,183.8	7,350.3	6,857.3	6,315.1	6,499.6
Intermediate product expenses	6,122.8	6,336.8	5,877.8	5,423.8	5,660.2
Capital consumption	822.2	801.7	755.3	673.3	624.6
Property taxes	238.8	211.7	224.2	218.0	214.7
Factor payments f/	6,584.2	8,014.4	8,221.9	8,566.9	9,768.3
Interest	1,708.5	1,717.2	1,620.0	1,470.8	1,329.8
Contract and hired labor expenses	2,271.0	2,288.2	2,297.0	2,320.4	2,521.1
Net rent to nonoperator landlords e/	373.2	429.1	428.4	404.7	445.9
RETURNS TO OPERATORS i/	2,231.5	3,580.0	3,876.6	4,371.0	5,471.5
Off-farm income j/	1,903.6	2,001.8	2,190.7	2,295.5	2,405.0
Number of farms	80,000	78,000	79,000	79,000	78,000

a/ Includes operator dwellings.
b/ Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services.
c/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. Definition and data sources for 1978 and later are not directly compatible with those of earlier years.
d/ Includes contract labor expenses, hired labor wages, and Social Security payments.
e/ Uses different data sources for period before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods.
f/ Excludes operator dwellings.
g/ Cash income less cash expenses and capital consumption.
h/ Gross farm income less rental value of operator dwellings.
i/ Gross receipts of farms less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords.
j/ Includes off-farm income for members of farm operator's family.

Source: Economic Research Service

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-11

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1988

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons a/	Value $1,000 b/	Rank among all California commodities b/ 1987	1988	Harvest season	Leading counties a/
Vegetables					$3,701,745				
Artichokes	1	n.a.	11.9	65.9	38,193	48	48	Aug. 1-July 31	Monterey, Santa Barbara, San Mateo, Santa Cruz
Asparagus	1	48.0	40.1	58.2	83,431	37	38	Feb.15-June 30	San Joaquin, Imperial Monterey, Riverside
Broccoli	1	90.9	101.1	581.4	265,954	17	15	Continuous	Monterey, Santa Barbara, Imperial, Fresno
Bushberries									
Boysenberries	n.a.	n.a.	0.4	1.1	3,814	69	67	June 1-June 30	Stanislaus
Olallieberries	n.a.	n.a.	0.2	1.1	2,054	70	70	June 1-Aug. 30	Santa Cruz, Merced
Raspberries	n.a.	n.a.	0.5	2.8	8,803	64	63	June 1-July 31	Santa Cruz, Monterey
Carrots	1	65.1	51.1	1,058.5	247,366	15	17	Continuous	Kern, Imperial, Fresno, Monterey
Cauliflower	1	79.2	48.0	312.0	161,514	26	26	Continuous	Monterey, Imperial, Santa Barbara, San Luis Obispo
Celery	1	68.4	20.3	663.9	147,740	29	27	Continuous	Ventura, Monterey, Santa Barbara
Corn, sweet	2	13.4	15.0	97.5	29,445	55	52	May 1-Dec. 10	Riverside, Santa Clara, Ventura, Contra Costa
Cucumbers for processing	3	10.6	3.8	69.0	14,699	59	59	July 1-Sep. 30	San Joaquin, Santa Clara Riverside, Ventura
Garlic	1	n.a.	15.8	135.8	40,569	42	47	Apr. 1-Sep. 15	Fresno, Kern
Lettuce	1	73.0	159.5	2,591.9	632,424	6	8	Continuous	Monterey, Imperial, Riverside, Fresno
Melons									
Cantaloup	1	n.a.	84.5	633.8	114,075	27	30	May 15-Nov.30	Fresno, Imperial, Merced, Riverside
Casaba & Santa Claus	1	n.a.	2.5	25.0	6,000	66	66	June 1-Nov. 30	Riverside, Stanislaus
Crenshaw	1	n.a.	1.0	8.3	3,135	68	69	June 1-Nov. 30	Riverside, Stanislaus
Honeydew	1	69.1	21.3	181.1	47,435	44	44	June 1-Nov. 30	Imperial, Fresno, Sutter, Yolo
Persian	1	n.a.	0.5	4.3	1,360	71	71	June 15-Oct. 30	Fresno, Stanislaus, Kern
Mushrooms, all	2	17.8	0.5	56.3	110,189	31	32	Continuous	Monterey, Santa Clara
Onions	1	32.1	40.5	773.8	104,082	28	35	Apr. 1-Oct. 31	Fresno, Kern, Imperial, Los Angeles
Peppers, chili	n.a.	n.a.	3.5	9.8	9,618	60	62	Sep.15-Dec.15	Monterey, Santa Clara
Strawberries	1	73.9	17.6	431.2	388,998	11	11	Feb.20-Nov.15	Monterey, Ventura, Santa Barbara, Santa Cruz, Orange
Fresh market	1	78.0	---	328.7	341,848	---	---	---	---
Processing	1	63.3	---	102.5	47,150	---	---	---	---
Tomatoes	1	80.2	263.6	6,993.2	649,744	---	---	---	---
Fresh market	2	25.0	37.5	445.3	264,075	20	16	Apr.15-Dec.31	Fresno, San Joaquin, Stanislaus, Monterey San Diego
Processing	1	88.4	226.1	6,547.9	385,669	12	12	Jun 20-Nov.10	Fresno, Yolo, Solano San Joaquin, Sutter
Other vegetables, berries & melons, etc.	---	---	---	---	591,103	---	---	---	---

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1988

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons a/	Value $1,000 b/	Rank among all California commodities b/ 1987	1988	Harvest season	Leading counties a/
Fruit and nuts					$4,040,253				
Almonds (shelled)	1	99.9	407.0	295.0	600,075	8	9	Aug. 1-Oct. 31	Kern, Stanislaus, Merced, Butte, Fresno
Apples	4	6.9	23.0	315.0	117,750	38	29	June 15-Oct. 30	Kern, Santa Cruz, San Joaquin, Sonoma
Apricots	1	92.9	17.8	95.0	29,613	49	51	June 1-Aug. 15	Stanislaus, San Joaquin, San Benito, Tulare, Kern
Avocados	1	86.1	74.8	180.0	205,200	32	18	Continuous	San Diego, Riverside, Santa Barbara, Ventura
Cherries, sweet	4	14.0	10.3	26.0	20,040	51	55	May 20-June 25	San Joaquin, Stanislaus, Santa Clara
Dates	1	99.9	5.0	22.0	19,756	58	56	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	99.9	17.7	47.7	16,610	57	57	June 10-Sep. 15	Madera, Merced, Fresno
Grapefruit	2	13.0	20.6	291.9	55,404	41	42	---	Riverside, Kern, San Diego, San Bernardino
Desert	---	---	9.0	134.4	22,008	---	---	Nov.10-Jun.10	---
Other	---	---	11.6	157.5	33,396	---	---	Mar.15-Oct.25	---
Grapes, all	1	91.6	654.2	5,485.0	1,356,250	3	3	---	Fresno, Kern, Tulare, San Joaquin, Riverside
Raisin type	---	---	271.0	2,550.0	511,920	---	---	May 15-Dec.15	Fresno, Tulare, Kern, Madera
Table type	---	---	86.2	755.0	197,640	---	---	May 25-Dec.15	Riverside, Tulare, Kern, Fresno, Madera
Wine type	---	---	297.0	2,180.0	646,690	---	---	Aug. 5-Dec. 15	San Joaquin, Napa, Sonoma, Fresno, Madera
Kiwifruit	1	100.0	6.9	32.7	22,420	56	53	Sep.15-Dec.28	Tulare, Butte, Kern, Yuba, Kings
Lemons	1	82.3	48.9	646.0	171,436	24	24	Continuous	Ventura, Riverside, Tulare San Diego, Kern
Nectarines	1	97.0	24.2	200.0	78,861	39	39	June 10-Sep. 5	Fresno, Tulare, Kings
Olives	1	99.9	31.5	87.5	50,449	46	43	Sep.25-Mar.15	Tulare, Tehama, Madera, Kern, Butte
Oranges, all	2	26.0	172.0	2,205.0	458,446	10	10	---	Tulare, Kern, Fresno, Ventura, Riverside
Naval & misc.	---	---	105.3	1,181.3	246,462	---	---	Oct. 25-May 15	Tulare, Kern, Fresno, Riverside, San Bernardino
Valencia	---	---	66.7	1,023.8	211,984	---	---	Mar. 1-Dec. 1	Tulare, Ventura, San Diego, Riverside, Orange
Peaches, all	1	58.7	53.7	769.0	177,880	25	23	---	Fresno, Stanislaus, Sutter, Tulare, Kings
Clingstone	---	100.0	27.6	507.5	98,280	---	---	July 15-Sep. 15	Stanislaus, Sutter, Yuba, Merced, Butte
Freestone	---	32.6	26.1	261.5	79,600	---	---	May 10-Sep. 15	Fresno, Tulare, Kings
Pears, all	2	35.1	23.0	302.0	74,540	40	40	Jul. 5-Oct. 5	Sacramento, Lake, Mendocino, Solano, Yuba
Pistachios	1	100.0	44.1	47.0	104,340	43	34	Sep.15-Dec.10	Kern, Madera, Kings, Merced, Tulare
Plums	1	80.6	40.8	216.0	102,661	36	36	May 25-Sep. 20	Tulare, Fresno, Kern
Pomegranates	1	100.0	3.5	20.0	6,318	63	64	Sep.15-Nov.10	Tulare, Fresno
Prunes, dried basis	1	100.0	76.7	155.0	113,925	22	31	Aug. 10-Oct.10	Sutter, Yuba, Tehama, Butte, Glenn
Tangerines, Mandarins, Tangors & Tangelos	2	41.9	8.4	78.4	32,297	54	49	Nov. 1-Apr.30	Riverside, Tulare
Walnuts	1	100.0	174.0	206.0	190,962	16	21	Sep.5-Nov. 10	San Joaquin, Stanislaus, Tulare, Butte, Sutter
Other fruit and nuts		---	---	---	35,020	---	---	---	---

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1988

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons a/	Value $1,000 b/	Rank among all California commodities b/ 1987	1988	Harvest season	Leading counties a/
Field and seed crops					$2,994,182				
Alfalfa seed	1	n.a.	67.0	17.8	41,665	45	46	Aug.15-Oct.15	Fresno, Kings, Imperial
Barley	7	3.7	280.0	409.9	46,116	47	45	May 15-Oct. 1	San Luis Obispo, Siskiyou, Fresno, Tulare, Kern, Kings
Beans, dry	2	15.0	150.0	144.7	104,473	33	33	Aug.20-Nov.15	Stanislaus, San Joaquin, Fresno, Kern, Tulare
Corn for grain	21	0.6	187.0	759.2	86,768	34	37	Sep. 1-Dec. 1	San Joaquin, Solano, Sacramento, Yolo, Madera
Cotton	2	---	---	---	1,026,633	4	4	---	Fresno, Kern, Kings, Tulare
Lint	2	18.3	1,336.8	678.6	862,537	---	---	Oct. 1-Jan. 1	---
Seed	2	18.4	---	1,116.3	164,096	---	---	---	---
Hay, alfalfa and other	1	6.8	1,680.0	8,652.0	817,614	7	6	Mar. 1-Nov. 5	Imperial, Kern, Tulare Fresno, Merced
Oats	26	1.1	35.0	39.2	6,003	65	65	June 15-Oct.1	Siskiyou, San Joaquin, Sonoma, Merced, Modoc
Potatoes	7	4.8	47.2	838.3	143,673	23	28	Continuous	Kern, Riverside, Siskiyou, Modoc, San Joaquin
Rice	2	18.5	420.0	1,474.5	197,583 c/	19	20	Sep.1-Nov.30	Butte, Glenn, Colusa, Sutter, Yuba
Safflower	1	n.a.	115.0	128.0	32,000	53	50	July 1-Sep. 15	Kings, San Joaquin, Yolo Fresno, Sacramento
Sorghum grain	16	0.2	15.0	33.6	3,696	67	68	Sep.15-Nov.25	Sutter, Tulare, Kern, Butte, Yolo
Sugar beets	2	21.4	212.0	5,300.0	178,080 c/	18	22	Apr.1-Dec.10	Imperial, San Joaquin, Kern, Fresno, Merced
Sweet potatoes	3	10.5	7.1	60.4	15,329	52	58	Jul. 15-Nov. 15	Merced, Fresno
Wheat	16	2.4	519.0	1,313.6	164,860	30	25	May 20-Sep. 1	Imperial, Solano, Yolo, Kings, Fresno
Other field crops	---	---	---	---	129,689	---	---	---	---
Nursery and flower crops					$1,573,996				
Nursery products d/ e/	1	27.6 g/	---	---	919,049	5	5	Continuous	San Diego, Los Angeles Orange, Ventura, Kern
Flowers and foliage d/ f/	1	28.6 g/	---	---	654,947	9	7	Continuous	San Diego, San Mateo, Monterey, Santa Barbara, Los Angeles

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1988

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Production 1,000 pounds a/	Value $1,000 b/	Rank among all California commodities b/ 1987	1988	Leading counties a/
Livestock, poultry and apiary				$4,703,771			
Cattle and Calves	7	4.8	2,591,000	1,613,819	2	2	Imperial, Tulare, Fresno
Chickens	9	5.1	1,086,135	343,090	13	13	Merced, Stanislaus, Los Angeles
Broilers and fryers	9	4.5	997,335	339,094	---	---	---
Other	3	8.5	88,800	3,996	---	---	---
Eggs, Chicken	1	11.1	7,718 (Millions of eggs)	297,786	14	14	Riverside, Stanislaus, San Bernardino, San Diego
Hogs and pigs	27	0.2	46,700	22,146	50	54	Tulare, Merced, Stanislaus
Honey	2	9.8	20,800	9,984	61	61	Tulare, Imperial, Kings
Milk and cream	2	13.0	18,620,000	2,080,739	1	1	San Bernardino, Tulare, Stanislaus, Riverside, Merced
Turkeys	3	11.3	572,400	200,340	21	19	Fresno, Madera, Merced, Stanislaus, Tulare
Sheep and lambs	2	10.5	98,228	66,547	35	41	Kern, Solano, Colusa, Imperial
Wool	3	8.0	7,103	10,157	62	60	Kern, Fresno, Solano, Merced, San Joaquin
Other livestock & poultry		---	---	59,163	---	---	---

a/ Based on values published in the Annual County Agricultural Commissioner's Reports.
b/ Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.
c/ The 1988 price and value are based on U.S. average price.
d/ Extracted from Agricultural Commissioners' Annual Crop Reports.
e/ Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.
f/ Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.
g/ Share of U.S. production based on 1982 Census of Agriculture.
n.a. Not available

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TABLE G-12

CALIFORNIA'S LEADING AGRICULTURAL EXPORTS VALUED AT PORT OF EXPORTATION, 1987 AND 1988

Commodity	Commodity ranking		Value ($1,000)		Percent change	
	1988	1987	1988	1987	1988	1987
Cotton lint	1	1	678,075	619,960	9	43
Almonds	2	2	587,129	464,888	26	11
Grapes	3	3	385,729	295,817	30	20
Oranges	4	4	157,334	181,069	-13	-8
Beef	5	6	122,410	110,084	11	9
Rice	6	9	117,168	71,852	63	31
Walnuts	7	5	103,441	120,489	-14	27
Wheat	8	10	103,421	69,007	50	183
Prunes	9	7	94,772	87,913	8	21
Lemons	10	8	91,980	75,489	22	-4
Alfalfa	11	12	88,412	58,547	51	-29
Strawberries	12	11	77,817	63,261	23	14
Dairy	13	20	71,692	31,294	129	29
Vegetable seeds	14	13	61,732	50,676	22	7
Peaches	15	14	53,576	44,009	22	-4
Tomatoes	16	15	52,333	41,824	25	16
Plums	17	18	45,660	39,543	15	66
Lettuce	18	17	45,013	40,878	10	15
Flowers & nursery	19	19	37,292	32,459	15	12
Grapefruit	20	24	36,040	23,648	52	-20
Sweet cherries	21	23	35,826	24,071	49	n.a.
Safflower	22	31	32,467	15,888	104	-15
Melons	23	16	31,676	41,446	-24	n.a.
Chickens & eggs	24	28	30,347	21,090	44	1
Onions	25	21	28,998	28,405	2	0
Asparagus	26	30	28,360	17,590	61	13
Dry beans	27	22	27,464	25,962	6	-2
Cottonseed	28	35	19,907	12,437	60	81
Broccoli	29	27	26,855	21,196	27	-9
Celery	30	29	22,388	20,018	12	-9
Avocados	31	25	21,551	23,495	-8	67
Kiwifruit	32	26	17,581	21,649	-19	46
Remaining estimated commodities			132,585	117,744		
All other commodities			527,693	423,146		
Total			3,994,724	3,336,844	20	18

Note: Commodity list extended to include 32 products in 1985.
n.a. Not available

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TABLE G-13

LIVESTOCK AND POULTRY INVENTORIES, 1988 AND 1989

(In thousands of head)

Item	1988	1989
All cattle and calves	4,650	4,700
Milk cows and heifers that have calve	1,005	1,025
Beef cows and heifers that have calved	915	925
Hogs and pigs	130	120
All stock sheep	800	780
Ewes one year old and over	685	632
Sheep and lambs on feed	190	160
All chickens, excluding broilers	40,700	36,800
Hens and pullets of laying age	34,000	31,800

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TABLE G-14

AVERAGE ANNUAL PRICES RECEIVED BY FARMERS FOR LIVESTOCK, POULTRY, AND RELATED PRODUCTS, 1987 AND 1988

Item	Unit	1987	1988
Beef cattle	cwt.	56.3	61.8
Calves	cwt.	71.6	82.7
Hogs	cwt.	58.0	47.0
Sheep	cwt.	25.1	23.6
Lambs	cwt.	74.9	70.3
Wool	pound	0.870	1.43
Milk	cwt.	11.43	10.94
Eggs	dozen	0.460	0.463
Broilers and fryers	pound	0.370	0.340
Turkeys	pound	0.330	0.350

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TABLE G-15

CASH FARM RECEIPTS FROM LIVESTOCK, POULTRY AND RELATED PRODUCTS, 1984 TO 1988

(In thousands)

	1984	1985	1986	1987	1988
Cattle and calves	1,463,485	1,251,989	1,319,211	1,331,433	1,613,819
Sheep and lambs	51,209	51,771	57,830	78,237	66,547
Hogs and pigs a/	26,811	22,142	28,134	31,680	22,146
Wool	7,599	5,448	5,431	6,300	10,157
Turkeys a/b/	178,162	204,672	208,926	180,081	200,340
Farm chickens a/b/	8,095	7,372	7,673	5,580	3,996
Commercial broilers and fryers a/b/	296,894	274,495	312,736	341,053	339,094
Chicken eggs a/b/	409,313	335,500	347,362	307,548	297,786
Dairy products c/	1,988,008	2,078,402	2,058,008	2,082,883	2,080,739
Honey	n.a.	n.a.	14,602	8,085	9,984
Other livestock and poultry	99,201	92,431	75,400	53,078	59,163
Total	4,528,777	4,324,222	4,435,313	4,425,958	4,703,771

a/ Marketing year ending December 1.
b/ Cash receipts include value of home consumption.
c/ Milk and cream cash receipts. Does not include value of home consumption.
n.a. Not available.

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TABLE G-16

PRODUCTION OF LIVESTOCK, POULTRY AND RELATED PRODUCTS, 1984 TO 1988

	Unit	1984	1985	1986	1987	1988
Cattle and calves						
Calf crop	Head	1,740,000	1,700,000	1,710,000	1,710,000	1,850,000
Cattle & calves shipped into Calif.	Head	1,374,000	1,200,000	1,220,000	1,200,000	1,060,000
Cattle and calves slaughtered a/	Head	2,003,000	1,896,000	1,845,000	1,600,000	1,389,000
Hogs and pigs						
Pigs raised, spring	Head	121,000	117,000	133,000	123,000	118,000
Pigs raised, fall	Head	113,000	108,000	131,000	116,000	105,000
Hogs & pigs shipped into Calif.	Head	1,756,000	1,716,000	1,489,000	1,476,000	1,323,000
Hogs and pigs slaughtered	Head	1,959,000	1,772,000	1,734,000	1,816,000	2,137,000
Sheep and lambs						
Lambs docked	Head	720,000	690,000	630,000	625,000	590,000
Sheep & lambs shipped into Calif.	Head	982,000	699,000	594,000	615,000	590,000
Sheep and lambs slaughtered	Head	1,402,000	1,173,000	877,000	883,000	785,000
Milk						
Inventory of milk cows average	Head	967,000	1,004,000	1,013,000	998,000	1,015,000
Milk production (000)	Pound	15,299,000	16,768,000	17,240,000	17,930,000	18,679,000
Milkfat production (000)	Pound	544,000	612,000	625,800	650,900	683,700
Milk production average per cow	Pound	15,821	16,701	17,019	17,966	18,403
Wool						
Wool production	Pound	9,382,000	8,647,000	8,229,000	7,241,000	7,103,000
Sheep shorn	Head	1,277,000	1,133,000	1,088,000	1,020,000	955,000
Chicken and eggs						
Farm chickens, raised	Head	24,195,000	n.a.	n.a.	n.a.	n.a.
Farm chickens, sold	Head	21,530,000	n.a.	19,700,000	18,600,000	22,200,000
Broilers and fryers raised	Head	181,358,000	185,230,000	184,832,000	196,120,000	212,199,000
Inventory of layers, average	Head	34,300,000	32,961,000	32,250,000	33,376,000	31,467,000
Egg production (000)	Eggs	8,325,000	8,052,000	7,850,000	8,023,000	7,718,000
Egg production, average per layer	Eggs	243	244	243	240	245
Turkeys						
Turkeys, raised	Head	19,730,000	20,500,000	21,900,000	25,500,000	26,500,000
Turkeys, produced	Pound	424,195,000	426,400,000	464,280,000	545,700,000	572,400,000

a/ Does not include farm slaughter.
n.a. Not available

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TABLE G-17

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, CALIFORNIA, 1988

Crop	Harvested acreage	Average yield (cwt.)	Production (1,000 cwt.)	Price per cwt. a/	Total value ($1,000)
Asparagus	40,100	29	1,163	$71.70	$83,431
Boysenberries	400	53	21	181.60	3,814
Broccoli	101,100	115	11,627	22.90	265,954
Cantaloup	84,500	150	12,675	9.00	114,075
Carrots, desert	14,600	450	6,570	11.60	76,212
Carrots, other	36,500	400	14,600	11.70	171,154
Carrots, all areas	51,100	414	21,170	11.70	247,366
Casaba and Santa Claus melons	2,500	200	500	12.00	6,000
Cauliflower	48,000	130	6,240	25.90	161,514
Celery, south coast	11,500	615	7,073	11.00	77,646
Celery, central coast	8,800	705	6,204	11.30	70,094
Celery, all areas	20,300	654	13,277	11.10	147,740
Chili peppers, dried	3,460	2.84 e/	9,840 f/	977.00 g/	9,618
Corn, sweet	15,000	130	1,950	15.10	29,445
Crenshaw melons	1,000	165	165	19.00	3,135
Cucumbers for processing	3,800	18.16 e/	69,010 f/	213.00 g/	14,699
Honeydew	21,300	170	3,621	13.10	47,435
Lettuce	159,500	325	51,838	12.20	632,424
Mushrooms	501	2,248	1,126	97.90	110,189
Olallieberries	200	110	22	93.40	2,054
Onions b/	40,500	382	15,475	6.73	104,082
Persian melons	500	170	85	16.00	1,360
Potatoes	47,200	355	16,765	8.57	143,673
Raspberries	500	112	56	157.20	8,803
Sweet potatoes	7,100	170	1,207	12.70	18,329
Strawberries	17,600	490	8,624	45.10	388,998
Tomatoes, desert	1,100	320	352	30.90	10,877
Tomatoes, other	36,400	235	8,554	29.60	253,198
Tomatoes, all areas	37,500	237	8,906	29.70	264,075
Tomatoes for Processing	226,100	28.96 e/	6,547,860 f/	58.90 g/	385,669
Miscellaneous vegetables c/	241,638	---	31,000	---	669,865
Total d/	1,117,099	---	322,075	---	3,701,745

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.
b/ Production includes quantity harvested but not marketed because of loss during storage (shrinkage). Storage loss amounts are excluded in computing total value. 1988 -- 435,000 cwt.
c/ Miscellaneous vegetables include artichokes, green lima beans for processing, cabbage, cucumbers, garlic, green onions, oriental vegetables, green peas, bell peppers, watermelons, etc.
d/ Potatoes and sweetpotatoes are not included.
e/ Average yield in tons.
f/ Production in tons.
g/ Price per ton.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-18

BUSHBERRY CROPS: ACREAGE, PRODUCTION AND VALUE, CALIFORNIA 1984 TO 1988

	Year	Harvested acres	Yield per acre (tons)	Utilization: Processing a/ (tons)	Utilization: Fresh basis (tons)	Total production (tons)		Value per ton ($)	Total value ($)
Boysenberries	1984	590	3.30	1,735	212	1,947		1,240	2,414,280
	1985	580	3.60	1,785	303	2,088		1,440	3,006,720
	1986	510	3.20	1,280	352	1,632		1,460	2,382,720
	1987	450	3.70	1,315	350	1,665		1,420	2,364,300
	1988	400	2.60	840	200	1,040	c/	3,668	3,814,400
Olallieberries	1984	190	4.20	427	371	798		1,290	1,029,420
	1985	220	4.80	451	605	1,056		1,480	1,562,880
	1986	200	4.50	315	585	900		1,590	1,431,000
	1987	150	5.30	275	520	795		1,604	1,275,180
	1988	200	5.40	380	700	1,080	c/	1,901	2,053,900
Raspberries b/	1984	350	3.74	---	---	1,309		3,760	4,921,840
	1985	480	4.20	---	---	2,016		3,800	7,660,800
	1986	470	5.00	---	---	2,350		3,551	8,343,000
	1987	420	4.10	---	---	1,722		3,092	5,324,424
	1988	500	5.55	---	---	2,775	c/	3,172	8,802,600

a/ Source: Federal-State Market News Service, San Francisco.
b/ Total only to avoid disclosing individual operations. Raspberries are primarily fresh market.
c/ Preliminary.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-19

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE BY COMMODITY, CALIFORNIA, 1988

Crop	Acreage harvested (000)	Yield per acre	Production (000)	Unit	Marketing year average price	Value of production ($1,000)
Corn for grain	187	4.06	759.2	Tons	114.29	86,768
Corn for silage	182	23.00	4,186.0	Tons	---	---
Sorghum for grain	15	2.24	33.6	Tons	110.00	3,696
Oats	35	1.12	39.2	Tons	153.13	6,003
Barley	280	1.46	409.9	Tons	112.50	46,116
Winter wheat	460	3.65	1,145.4	Tons	121.67	139,357
Durum wheat	59	4.55	168.2	Tons	151.67	25,503
Rice a/	420	70.46	29,490.0	Cwt	6.70	197,583
Upland Cotton lint b/	1,335	1,015.00	2,824.0	Bales	63.50	860,755
Cottonseed	---	---	1,116.3	Tons	147.00	164,096
Hay, all	1,680	5.15	8,652.0	Tons	94.50	817,614
Alfalfa hay	1,100	6.60	7,260.0	Tons	---	---
All other hay	580	2.40	1,392.0	Tons	---	---
Dry edible beans c/	150	19.29	2,894.0	Cwt	36.10	104,475
Sugar beets d/	212	25.00	5,330.0	Tons	n.a.	n.a.

a/ The 1988 price and value are based on U.S. marketing year average price.
b/ Cotton yield in pounds, production in 480 pound gross weight bales, lint price on hundredweight basis.
c/ Excludes beans grown for garden seed.
d/ Relates to year of intended harvest except for overwintered spring planted beets.
n.a. Not available.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-20

TREE FRUIT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1988

Crop	Bearing acres	Production		Value of utilized production	
		Total short tons	Per bearing acre: short tons	Price per short ton ($) a/	Total value ($1,000)
Apples	23,000	315,000	13.70	374	117,750
Apricots	17,800	95,000	5.34	340	29,613
Avocados	74,800	180,000	2.41	1,140	205,200
Sweet cherries	10,300	26,000	2.52	771	20,040
Dates	5,000	22,000	4.40	898	19,756
Figs	17,700	47,700	2.69	348	16,610
Grapes, all b/	654,200	5,485,000	8.72	247	1,356,250
Raisin type b/ c/	271,000	2,550,000	10.40	201	511,920
Table type	86,200	755,000	8.76	262	197,640
Wine type	297,000	2,180,000	7.34	297	646,690
Kiwi Fruit c/	6,900	32,700	4.74	760	22,420
Nectarines	24,200	200,000	8.26	394	78,861
Olives	31,500	87,500	2.78	577	50,449
Peaches, all	53,700	769,000	14.32	231	177,880
Clingstone	27,600	507,500	17.62	232	98,280
Freestone	26,100	261,500	10.02	304	79,600
Pears, all	23,000	302,000	13.10	247	74,540
Bartlett	21,300	291,000	13.70	238	69,290
Other than Bartlett	1,700	11,000	6.47	477	5,250
Plums	40,800	216,000	5.26	475	102,661
Pomegranates	3,500	20,000	5.71	351	6,318
Prunes, dried basis	76,700	155,000	2.02	735	113,925

a/ Return at processing plant door or packinghouse door.
b/ In 1988, 25,000 acres were enrolled in the California Raisin Industry Diversion (RID) program. These acres were deducted from bearing acres before calculating yield.
c/ Raisin type production is the fresh equivalent of dried and not dried.

Department of Food and Agriculture
Agricultural Statistics Service
(916) 445-6076

TABLE G-21

TREE NUT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1988

Crop	Bearing acres	Production			Value of utilized production	
		Total units	Unit	Per bearing acre	Grower return per unit	Total value ($1,000)
					Cents per pound	
Almonds, shelled	407,000	590,000,000	Pounds	1,450	105.0	600,075
Pistachios, in-shell	44,100	94,000,000	Pounds	2,130	111.0	104,340
					Dollars Per ton	
Walnuts, in-shell	174,000	206,000	Tons	1.18	927	190,962

TABLE G-22

CITRUS FRUIT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1987-88

Crop	Bearing acres	Production		Value of production a/	
		Total: 1,000 boxes b/	Per bearing acre (boxes)	Grower return per box	Total value ($1,000)
Grapefruit, all c/	20,600	8,900	432	6.25	55,404
Desert valley	9,000	4,200	467	5.24	22,008
Other areas	11,600	4,700	405	7.11	33,396
Lemons	48,900	17,000	348	10.08	171,436
Oranges, all	172,000	58,800	342	7.80	458,446
Naval and miscellaneous	105,500	31,500	299	7.82	246,462
Valencia	66,500	27,300	411	7.76	211,984
Tangerines d/	8,200	2,090	255	15.45	32,297

a/ Price and value for citrus fruits are based on equivalent packinghouse door returns.
b/ Net weight per box: Grapefruit, Desert Valley - 64 pounds; Grapefruit, Other Areas - 67 pounds; Lemons - 76 pounds; Oranges - 75 pounds; Tangerines - 75 pounds.
c/ Season average prices for all grapefruit are derived by weighting the season average prices for each area by their box weights.
d/ Includes mandarins and mandarin hybrids, tangelos and tangors.

Source agency for Tables G-21 and G-22:
Department of Food and Agriculture
California Agricultural Statistics Service
(916) 445-6076

TABLE G-23

CALIFORNIA TIMBER PRODUCTION, 1987 AND 1988

(In thousands of board feet)

County	1987	1988
Total	4,430,851	4,625,800
Alpine	4,365	9,600
Amador	35,092	31,600
Butte	60,836	146,400
Calaveras	62,363	99,300
Colusa-Sutter	---	6,500
Del Norte	178,703	191,900
El Dorado	199,555	217,400
Fresno	81,238	81,300
Glenn	16,303	29,200
Humboldt	854,711	742,700
Kern	1,896	19,000
Lake	30,874	42,300
Lassen	101,048	124,500
Madera	72,393	62,100
Mariposa	13,475	86,200
Mendocino	462,628	474,500
Modoc	59,063	47,900
Mono	4,688	7,000
Monterey	36	---
Napa	739	1,800
Nevada	77,917	72,200
Placer	91,924	120,200
Plumas	314,432	215,200
Riverside	67	---
San Bernardino-Los Angeles	564	1,400
San Mateo	6,873	14,600
Santa Clara	5,032	2,300
Santa Cruz	15,008	15,200
Shasta	269,576	267,100
Sierra	139,799	205,500
Siskiyou	577,815	584,400
Sonoma	26,099	37,900
Tehama	162,973	159,800
Trinity	286,924	319,800
Tulare	50,867	36,500
Tuolumne	139,120	135,000
Yuba	25,855	17,500

State Board of Equalization
Research and Statistics Division
(916) 445-0840

TABLE G-24

NET VOLUME OF SAWTIMBER IN CALIFORNIA, 1985

Species	Volume (million board feet) Scribner Rule
Total--all species	280,439
Total softwoods	263,681
Douglas Fir	76,614
Redwood	26,567
White Fir	48,608
Ponderosa Pine	36,017
Sugar Pine	20,177
Incense Cedar	13,293
Jeffrey Pine	13,654
California Red Fir	19,199
Shasta Red Fir	882
Lodgepole Pine	3,953
Grand Fir	380
Bishop Pine	236
Sitka Spruce	174
Digger Pine	146
Western Hemlock	148
Western White Pine	1,829
Knobcone Pine	158
All other Softwoods	1,706
Total Hardwoods	16,758
Tanoak	5,074
California Black Oak	5,432
Pacific Madrone	2,676
Canyon Live Oak	1,507
California Laurel	530
Red Alder	330
California Live Oak	299
Bigleaf Maple	176
Oregon White Oak	184
All other Hardwoods	550

Source: U.S. Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon 1985.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-25

AREA OF COMMERCIAL FOREST LAND AND OWNERSHIPS, CALIFORNIA, 1986

(In thousands of acres)

County	U.S. Forest Service	Public, other than national forest	Forest industry	Other private timber growers	Other private	Total private	Total, all ownerships	Timber production zone
Total	8,282	510	2,760	1,435	3,264	7,459	16,251	5,495
Alpine	69	1	---	---	14	14	84	5
Amador	26	3	23	2	31	56	85	28
Butte	116	12	120	15	92	227	355	123
Calaveras	66	7	66	---	71	137	210	71
Colusa	23	---	1	1	7	9	32	---
Del Norte	231	1	100	35	27	162	394	146
El Dorado	301	7	119	2	117	238	546	166
Fresno	290	1	3	7	22	32	323	19
Glenn	79	---	18	---	6	24	103	31
Humboldt	273	124	541	49	567	1,157	1,554	973
Inyo	---	2	---	2	---	2	4	---
Kern	87	3	---	---	26	26	116	---
Lake	108	11	8	3	53	64	183	23
Lassen	376	24	94	173	42	309	709	311
Los Angeles	27	---	---	---	---	---	27	---
Madera	213	---	5	9	12	26	239	4
Marin	---	---	---	---	16	16	16	---
Mariposa	100	2	1	---	40	41	143	6
Mendocino	114	127	487	38	575	1,100	1,341	857
Modoc	339	5	36	136	49	221	565	185
Mono	162	1	---	---	7	7	170	---
Monterey	22	1	---	---	28	28	51	---
Napa	---	1	1	1	24	26	27	---
Nevada	130	14	5	55	137	197	341	85
Placer	238	11	63	32	79	174	423	126
Plumas	959	4	138	77	82	297	1,260	219
Riverside	21	1	---	---	2	2	24	---
San Bernardino	94	---	---	---	5	5	99	---
San Diego	12	5	---	---	4	4	21	---
San Luis Obispo	---	---	1	---	5	6	6	---
San Mateo	---	2	8	4	49	61	63	31
Santa Clara	---	1	---	---	31	31	32	---
Santa Cruz	---	2	7	4	118	129	131	65
Shasta	407	37	265	304	169	738	1,182	645
Sierra	346	2	27	22	44	93	441	77
Siskiyou	1,396	20	230	259	209	698	2,114	571
Sonoma	---	11	33	19	261	313	324	82
Sutter	---	---	1	---	3	4	4	---
Tehama	189	3	195	4	35	234	426	240
Trinity	672	39	98	161	111	370	1,081	291
Tulare	373	16	---	---	16	16	405	7
Tuolumne	358	7	60	---	50	110	475	75
Ventura	29	---	---	---	1	1	30	---
Yolo	---	---	1	---	4	5	5	---
Yuba	36	2	5	21	23	49	87	32

Source: Pacific Northwest Forest and Range Experiment Station, 1985.
California Department of Forestry, Forest and Rangeland Resources Assessment Program, 1986.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-26

AREA AND COMMERCIAL FOREST LAND MANAGED BY U.S. FOREST SERVICE, CALIFORNIA, 1985

(In thousands of acres)

National forest or management unit	Total land area	Commercial forest land a/
Total	20,578	8,286
Angeles	654	27
Cleveland	421	12
El Dorado	674	323
Inyo	1,826	164
Klamath	1,681	1,022
Lassen	1,060	737
Los Padres	1,753	67
Mendocino	884	410
Modoc	1,654	453
Plumas	1,155	975
Rogue River	54	34
San Bernardino	658	116
Sequoia	1,124	487
Shasta	1,133	566
Sierra	1,303	475
Siskiyou	33	22
Six Rivers	988	646
Stanislaus	899	511
Tahoe	817	636
Tahoe Basin Management Unit	128	62
Toiyabe	634	82
Trinity	1,045	459

a/ Land capable of producing 20 cubic feet or more per acre per year of industrial wood, and not withdrawn by statute, ordinance, or administrative order from timber utilization.

Source: U.S. Forest Service Region 5 Office in San Francisco, 1986. Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, 1985.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-27

SELECTED STATISTICS ON MINERAL INDUSTRIES, CALIFORNIA, 1982

(Dollar amounts in thousands)

	Amount
Number of establishments	
Total a/	2,196
Metal mining	142
Oil and gas extraction	1,696
Nonmetallic minerals mining	344
Employees	
Total a/	51,300
Metal mining	b/
Oil and gas extraction	40,200
Nonmetallic minerals mining	8,600
Value added	
Total	11,844,300
Metal mining	c/
Oil and gas extraction	11,067,400
Nonmetallic minerals mining	683,000
Capital expenditures	
Total a/	3,438,100
Metal mining	c/
Oil and gas extraction	3,319,200
Nonmetallic minerals mining	87,000

a/ Totals include a small amount of mining activity not shown separately.
b/ 1,000 to 2,499 employees.
c/ Withheld to avoid disclosing data for individual companies.

Source: U.S. Bureau of the Census, 1982 Census of Mineral Industries

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE G-28

PRODUCING WELLS AND PRODUCTION OF OIL, GAS, AND WATER BY COUNTY, 1988 a/

County	Number of wells: Oil: Production	Number of wells: Oil: Shut-in	Number of wells: Gas: Production	Number of wells: Gas: Shut-in	Oil production (bbl)	Net gas production (mcf): Associated (from oil zones)	Net gas production (mcf): Nonassociated (from gas zones)	Net gas production (mcf): Total	Water production
Total	50,907	24,243	1,469	577	355,517,714	206,242,064	156,767,033	363,009,097	2,570,979,053
Alameda	7	3	0	0	21,474	0	0	0	22,585
Butte	0	0	9	13	0	0	492,052	492,052	5,849
Colusa	0	0	197	39	0	0	18,400,410	18,400,410	149,417
Contra Costa	40	9	52	27	96,426 b/	166,805	3,178,443	3,345,248	3,383,288
Fresno	2,619	1,901	0	7	11,852,091	10,930,174	0	10,930,174	101,200,674
Glenn	0	0	179	32	0	0	13,833,089	13,833,089	304,971
Humboldt	0	0	36	2	0	0	2,706,724	2,706,724	13,897
Kern	35,004	13,069	114	88	251,878,354 c/	143,789,860	9,406,382	153,196,242	1,404,560,223
Kings	133	196	0	17	290,137	1,350,089	0	1,350,089	933,577
Los Angeles	5,213	3,466	9	15	46,806,876 d/	19,031,789	1,065,645	20,097,434	635,481,982
Madera	0	0	16	31	0 e/	0	1,307,507	1,307,507	79,030
Merced	0	0	0	0	0	0	0	0	0
Monterey	614	796	0	0	4,633,312	3,482	0	3,482	75,413,411
Orange	2,864	1,499	0	0	12,918,665	4,676,594	0	4,676,594	159,585,068
Riverside	11	5	1	0	12,381	13,794	1,419	15,213	6,487
Sacramento	0	0	120	40	0 f/	0	12,787,779	12,787,779	124,556
San Benito	43	10	2	8	40,589	1,356	5,291	6,647	383,927
San Bernardino	39	11	0	0	40,143	2,486	0	2,486	72,721
San Joaquin	0	0	100	30	0 g/	0	26,323,594	26,323,594	491,133
San Luis Obispo	334	204	0	0	1,107,273	1,083,746	0	1,083,746	6,194,666
San Mateo	24	14	0	0	11,859	917	0	917	111,505
Santa Barbara	1,448	1,776	21	13	10,737,308 h/	10,011,786	928,791	10,940,577	118,435,975
Santa Clara	5	15	0	0	6,518	724	0	724	2,951
Solano	0	1	241	72	0 i/	0	31,427,348	31,427,348	548,626
Sonoma	0	1	1	9	0	0	74,769	74,769	0
Sutter	0	0	205	38	0	0	18,572,089	18,572,089	250,537
Tehama	0	0	61	21	0	0	3,124,547	3,124,547	53,971
Tulare	58	39	3	22	67,039	0	32,575	32,575	3,417,898
Ventura	2,451	1,228	4	3	14,997,269 j/	15,178,462	31,287	15,209,749	59,544,873
Yolo	0	0	98	50	0	0	13,067,292	13,067,292	205,255

a/ Does not include federal OCS figures.
b/ Produced 12,104 barrels of condensate from gas fields or zones.
c/ Produced 45,834 barrels of condensate from gas fields or zones.
d/ Produced 27,022 barrels of condensate from gas fields or zones.
e/ Produced 1,405 barrels of condensate from gas fields or zones.
f/ Produced 2,387 barrels of condensate from gas fields or zones.
g/ Produced 338 barrels of condensate from gas fields or zones.
h/ Produced 9,753 barrels of condensate from gas fields or zones.
i/ Produced 57,411 barrels of condensate from gas fields or zones.
j/ Produced 8 barrels of condensate from gas fields or zones.

Department of Conservation
Division of Oil and Gas, (916) 323-1779

TABLE G-29

CALIFORNIA MINERAL PRODUCTION, 1987 AND 1988 a/

	Unit	1987 Quantity	1987 Value ($1,000)	1988 p/ Quantity	1988 p/ Value ($1,000)
Nonfuel minerals					
Asbestos	metric tons	w	w	11,000	5,000
Boron minerals	thousand short tons	1,385	475,092	624	420,900
Cement (Portland)	do	9,937	593,859	10,600	648,400
Clays b/	do	2,296	33,045	2,470	37,164
Gem stones		n.a.	3,367	n.a.	3,365
Gold (recoverable content of ores, etc.)	troy ounces	602,605	269,937	729,272	320,150
Gypsum	thousand short tons	1,468	11,719	1,316	10,505
Lime	do	465	25,745	473	26,190
Pumice	do	42	1,539	44	1,668
Mercury	76 pound flasks	b/	n.a.	--	--
Sand and gravel:					
Construction	thousand short tons	141,600 e/	561,300 e/	134,800	726,800
Industrial	do	2,241	41,472	2,445	42,000
Silver (recoverable content of ores, etc.)	thousand troy ounces	122	854	133	871
Stone:					
Crushed	thousand short tons	44,315	186,504	45,900	266,700
Dimension	do	33	4,554	42	5,991
Talc and pyrophyllite	do	w	w	w	w
Combined value of barite (1987-88), calcium chloride (natural), cement (masonry), clays (ball clay 1986, 1988), copper (1986, 1988), diatomite, feldspar, iron ore (usable), lead (1988), magnesium compounds, molybdenum, peat, perlite, potassium salts, rare-earth metal concentrates, salt, sodium carbonate (natural), sodium sulfate (natural), tungsten ore and concentrates, wollastonite (1986-87), and values indicated by symbol 'w'		z	342,298	z	335,648
Total		z	2,551,285	z	2,851,352

a/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
b/ Less than one-half unit.
e/ Estimated.
p/ Preliminary
n.a. Not available.
w Withheld to avoid disclosing company proprietary data, included with "Combined value" figure.
z Not applicable.

Department of Conservation
Division of Mines and Geology and U.S. Bureau of Mines
(916) 322-9917

TABLE G-30

POUNDAGE AND VALUE OF LANDINGS OF COMMERCIAL FISH CALIFORNIA, 1988 p/

Species	Landings (In pounds)	Value
Fishes:		
Anchovy, Northern	3,345,254	$379,154
Barracuda, California	138,038	113,116
Bass	11,955	16,484
Bonito, Pacific	8,682,018	1,694,654
Butterfish, Pacific	20,149	15,181
Cabezon	12,197	5,540
Cod, Pacific	11,017	3,291
Corbina, California	13	21
Croaker	1,083,603	410,979
Dolphinfish	377	520
Eel	117	91
Flounder	344,751	138,355
Flying fish	107,032	42,387
Garibaldi	263	7,882
Goby, Bluebanded	22	27,358
Greenling, Kelp	4,182	1,241
Grenadiers	262,779	41,997
Grouper	115	152
Guitarfish, Shovelnose	52,093	22,471
Hagfish	23,698	7,539
Hake, Pacific	14,420,797	1,080,572
Halfmoon	4,221	3,608
Halibut, California	1,149,380	2,554,517
Herring	19,048,702	5,693,430
Jacksmelt	9,149	3,463
Lingcod	1,928,871	780,439
Lizardfish, California	6,663	1,944
Louvar	10,856	30,715
Mackerel	123,074,402	8,989,389
Mola, Common	334	314
Mudsucker, Longjaw	114	4,559
Mullet, Striped	14,065	10,578
Opah	67,868	34,943
Opaleye	11,764	8,197
Queenfish	122	4
Ray	1,343	15,757
Rockfish	25,855,872	9,989,680
Sablefish	8,345,267	3,406,144
Salmon	14,752,258	41,905,938
Sanddab	1,162,639	404,348
Sardine, Pacific	2,619,999	158,276
Sargo	1,037	853
Scorpionfish, Spotted	29,497	27,795
Sculpin, Staghorn	4,925	7,938
Seabass, White	107,038	218,395
Shark	1,768,453	1,991,263
Sheephead, California	28,107	29,405
Silversides	1,839	645
Skate	127,654	38,674
Smelt	867,120	204,116
Sole	24,357,839	8,661,008
Stingray	36	1,824
Surfperch	106,898	102,126
Swordfish	2,443,814	9,537,359
Thornyhead	9,945,270	3,490,978
Topsmelt	119	97
Trawled fish, animal food	89,900	--
Triggerfish	5	5
Tuna	66,894,838	42,097,358
Fishes (Cont.):		
Turbot	23,810	$8,116
Wahoo	2,714	4,642
Whitefish, Ocean	2,249	1,633
Wolf-Eel	2,044	948
Wrasse, Rock	1	90
Yellowtail	85,819	79,704
Zebraperch	232	197
Unspecified fish	99,344	100,888
Crustaceans:		
Barnacle	2	--
Crab	12,999,981	16,272,942
Lobster, California Spiny	624,676	3,306,211
Prawn	294,122	982,181
Shrimp	11,504,473	5,079,988
Unspecified crustaceans	26	1,298
Echinoderms:		
Cucumber, Sea	137,580	28,134
Sea Stars	12,665	3,172
Urchin	49,473,232	18,348,748
Mollusks:		
Abalone	557,277	1,994,778
Clam	21,924	16,313
Limpet	1,622	1,815
Mussel	9,204	5,503
Octopus	27,541	30,696
Oyster, Giant Pacific	108	45
Sea Hare	148	3,700
Sea Slug	1,075	26,830
Sea Snails	29,172	12,281
Squid	80,777,892	7,941,473
Whelk	114	88
Unspecified mollusks	12	1,350
Plants:		
Kelp	780	234
Unknown:		
Coral, Purple	912	4,557
Invertebrates, Colonial	17,377	15,374
Snail, Bubble	124	4,820
Tunicates	40	--
Worms, Marine	1,616	474
Unspecified	4,644	3,122
Total	490,073,300	$198,697,412
By ports:		
Eureka	103,778,443	52,267,408
San Francisco	49,683,370	38,841,775
Monterey	23,979,350	12,352,468
Santa Barbara	74,616,161	25,166,586
Los Angeles	233,396,114	63,013,349
San Diego	4,619,862	7,055,826
Total	490,073,300	$198,697,412

p/ Preliminary

Department of Fish and Game
Marine Resources Division, Marine Fisheries Statistics Unit
(213) 590-5160

TABLE G-31

NUMBER OF FISHING AND HUNTING LICENSES, CALIFORNIA, 1970-71 TO 1988-89

Fiscal year	License buyers				Number of licensed pheasant clubs	Number of permits in waterfowl areas	Special hunt permits
	Angling	Angling stamps	Hunting	Deer and bear tags			
1970-71	2,286,195	3,545,528	696,651	402,477	208	99,962	5,362
1971-72	2,182,969	3,325,260	650,364	382,930	214	69,328	7,364
1972-73	2,331,191	3,561,995	674,034	418,219	204	99,284	5,071
1973-74	2,360,586	3,653,227	667,271	378,730	186	110,823	3,651
1974-75	2,290,270	3,409,510	609,072	359,323	173	116,964	4,462
1975-76	2,251,081	3,270,994	584,256	353,713	220	106,110	5,024
1976-77	2,168,030	3,144,550	565,207	338,469	153	78,068	4,494
1977-78	2,383,546	3,603,020	534,454	305,638	156	87,597	4,660
1978-79	2,389,844	3,637,061	540,944	296,027	148	81,654	4,592
1979-80	2,449,354	3,826,637	534,618	322,326	144	82,809	4,190
1980-81	2,464,463	3,850,488	555,232	326,245	144	82,921	5,359
1981-82	2,539,946	3,907,456	542,015	335,974	142	71,620	4,300
1982-83	2,529,593	4,380,343	531,944	334,412	144	79,859	7,305
1983-84	2,434,223	4,223,464	506,000	293,670	145	79,950	5,641
1984-85	2,450,992	1,205,746	487,688	264,651	140	75,854	4,612
1985-86	2,363,704	1,142,737	456,977	266,220	175	67,325	5,007
1986-87	2,218,298	1,096,468	435,522	248,447	133	46,735	4,149
1987-88	2,651,790	1,039,102	421,289	246,376	173	48,230	5,465
1988-89	2,456,259	1,052,966	398,519	233,448	167	35,218	3,605

Department of Fish and Game
License and Revenue Branch
(916) 739-5069

SECTION H

MANUFACTURING

This section presents data on manufacturing industries summarized from the U.S. Census of Manufactures and the Annual Survey of Manufactures conducted by the U.S. Bureau of the Census. Detailed information for individual industries and local areas are also available in the published reports of the Bureau of the Census. Data on manufacturing firms by county and by number of employees are compiled from reports published by the Employment Development Department.

Information on California's largest single manufacturing sector, defense-aerospace, is obtained primarily from reports of the U.S. Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the California Employment Development Department. Material from these and other sources has been summarized by the Department of Finance.

TABLE H-1

MANUFACTURING FIRMS BY SIZE OF EMPLOYMENT CALIFORNIA, 1981 TO 1987 a/

Number of employees	1981	1982	1983	1984	1985	1986	1987
Total	41,308	41,187	41,617	42,661	42,883	42,572	48,086
0- 3	10,472	11,106	10,831				
0- 4				13,698	13,539	13,426	17,141
4- 9	10,072	10,003	9,958				
5- 9				7,487	7,782	7,708	8,248
10- 19	7,224	7,159	7,259	7,219	7,308	7,325	7,786
20- 49	6,894	6,702	7,020	7,267	7,305	7,206	7,744
50- 99	3,092	2,980	3,140	3,301	3,327	3,327	3,471
100-249	2,250	2,054	2,217	2,372	2,356	2,342	2,426
250-499	741	702	697	792	756	740	753
500-999	361	284	303	323	306	291	317
1,000 and over	202	197	192	202	204	207	200

a/ Firms reporting employment covered by unemployment insurance during the third quarter (July-September) of each year.

Source: California Employment Development Department, Report 524. California Unemployment Insurance Reporting Units by Size, Industry, and County. July - September issues.

TABLE H-2

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED, AND CAPITAL EXPENDITURES, CALIFORNIA 1960 TO 1986

	All employees		Production workers			Value added by	New capital
Year	Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)	manufacture ($ mill.)	expenditures ($ mill.)
1960	1,306.4	7,974.5	869.4	1,734.3	4,564.2	14,174.4	774.8
1961	1,304.6	8,203.9	859.7	1,713.4	4,640.0	14,305.0	696.7
1962	1,359.1	8,976.0	886.8	1,791.1	5,010.9	15,868.4	912.2
1963	1,397.6	9,612.2	897.3	1,791.4	5,195.2	17,185.0	985.1
1964	1,383.7	9,904.7	879.7	1,770.2	5,234.5	18,016.9	1,032.4
1965	1,400.6	10,301.3	911.8	1,838.2	5,582.6	18,950.3	1,181.5
1966	1,501.8	11,381.4	984.0	1,981.9	6,266.6	21,331.1	1,471.2
1967	1,583.5	12,514.5	1,044.9	2,089.7	6,877.8	23,393.6	1,529.2
1968	1,610.3	13,378.9	1,061.6	2,112.9	7,377.8	25,348.3	1,536.3
1969	1,631.8	14,151.1	1,075.2	2,199.6	7,701.1	27,016.9	1,720.9
1970	1,553.1	14,056.8	1,003.9	1,981.3	7,556.3	26,358.3	1,567.4
1971	1,447.3	13,799.1	937.2	1,843.5	7,382.3	27,568.2	1,416.9
1972	1,545.9	15,483.1	1,020.0	1,974.9	8,430.4	31,194.6	1,649.0
1973	1,641.2	17,116.2	1,097.2	2,137.6	9,413.9	36,727.6	1,917.2
1974	1,650.8	18,841.3	1,083.7	2,116.4	10,089.4	40,599.3	2,582.8
1975	1,540.5	19,303.2	993.4	1,920.3	10,189.9	40,082.4	2,572.8
1976	1,600.1	21,214.7	1,041.3	2,021.8	11,202.3	46,297.4	2,867.1
1977	1,751.5	24,671.5	1,142.6	2,224.2	13,150.5	54,862.4	3,385.4
1978	1,903.1	28,486.4	1,240.0	2,376.8	15,112.2	62,510.4	4,493.1
1982	2,004.8	42,636.4	1,209.3	2,317.9	20,560.6	94,388.4	8,439.4
1983	1,984.3	44,845.2	1,191.8	2,304.4	21,171.3	97,081.0	6,932.4
1984	2,038.0	48,863.7	1,231.2	2,401.5	23,014.6	108,372.5	8,757.1
1985	2,016.6	51,377.1	1,193.0	2,309.5	23,600.5	111,365.5	9,157.8
1986	1,973.6	52,295.5	1,147.8	2,248.5	23,767.5	112,968.4	8,072.5

Source: U.S. Department of Commerce, Bureau of the Census, 1986 Annual Survey of Manufactures, Geographic area statistics.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-3

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED, AND CAPITAL EXPENDITURES FOR SELECTED COUNTIES, 1982 a/

County	Number of establishments	All employees		Production workers			Value added by manufacture ($ mill.)	New capital expenditures ($ mill.)
		Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)		
California	47,625.0	2,005.0	42,636.4	1,209.4	2,317.9	20,546.8	94,374.0	8,443.6
Alameda	2,202.0	76.4	1,757.2	45.6	87.1	916.2	3,637.8	247.5
Contra Costa	681.0	28.3	686.5	16.3	31.9	358.5	2,479.3	629.0
Fresno	686.0	21.2	364.2	15.2	28.5	229.9	909.2	85.0
Humboldt	233.0	5.6	111.5	4.6	8.0	84.6	222.4	13.4
Kern	348.0	8.4	173.1	5.8	11.5	106.0	608.2	57.0
Los Angeles	20,474.0	866.1	17,897.8	554.1	1,061.7	9,137.9	40,260.4	3,108.7
Merced	107.0	7.6	108.4	6.4	13.7	84.2	223.6	48.3
Monterey	237.0	8.4	144.9	5.9	11.1	88.1	470.0	43.5
Orange	5,433.0	232.4	4,836.4	137.1	266.3	2,295.3	10,156.4	784.4
Riverside	752.0	25.9	466.2	17.6	33.8	267.3	1,041.1	65.5
Sacramento	743.0	22.5	470.3	13.1	25.4	236.0	1,169.6	85.6
San Bernardino	1,163.0	36.5	759.1	27.2	51.0	506.0	1,477.3	174.0
San Diego	2,522.0	111.5	2,332.8	68.0	130.5	1,157.8	4,878.7	448.2
San Francisco	1,614.0	52.4	1,183.5	24.0	43.8	379.8	1,585.5	84.4
San Joaquin	465.0	19.5	388.6	14.7	27.8	273.1	1,045.7	72.4
San Mateo	1,134.0	35.9	815.3	18.8	36.3	347.3	1,627.1	103.9
Santa Barbara	489.0	19.7	404.8	8.9	16.3	123.4	714.6	56.5
Santa Clara	3,326.0	276.5	6,938.7	120.5	232.3	2,236.0	14,808.8	1,721.9
Santa Cruz	349.0	11.3	176.9	8.4	15.5	118.0	563.1	49.6
Sonoma	518.0	14.2	273.9	9.6	18.2	156.1	621.3	35.7
Stanislaus	348.0	21.9	414.3	1.7	31.0	279.0	1,153.1	108.6
Tulare	281.0	10.8	170.9	8.2	15.5	120.4	517.3	28.7
Ventura	631.0	26.9	540.4	15.8	30.8	259.7	1,232.3	143.9
Yolo	164.0	5.2	94.0	3.8	7.0	61.1	189.4	37.8

a/ The publication of "all industries" totals at the county level is limited to the large industrial counties (those with over 5,000 manufacturing employees) which could be shown without disclosing figures for individual companies and for which a reliable estimate was obtained. The sample for the annual survey of manufactures was not designed to obtain reliable data for smaller counties.

Source: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufacturers.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-4

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED AND CAPITAL EXPENDITURES BY INDUSTRY GROUP, 1986

Industry group	All employees		Production workers			Value added by manufacture	New capital expenditures
	Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)	($ mill.)	($ mill.)
California	1,973.6	52,295.5	1,147.8	2,248.5	23,767.5	112,968.4	8,072.5
Food and kindred products	155.6	3,433.2	110.0	208.1	2,184.2	13,462.0	709.7
Textile mill products	a/	a/	a/	a/	a/	a/	a/
Apparel and other textile products	93.6	1,156.8	76.1	135.2	723.9	3,004.5	50.2
Lumber and wood products	52.9	1,151.9	42.1	86.9	849.8	2,437.2	171.4
Furniture and fixtures	54.4	940.2	43.8	86.0	642.3	2,049.7	62.6
Paper and allied products	34.8	917.1	26.7	53.9	642.1	2,558.6	328.0
Printing and publishing	136.8	3,138.1	75.0	141.3	1,522.8	7,642.6	395.5
Chemicals and allied products	50.9	1,348.0	26.0	51.7	546.3	4,876.4	374.8
Petroleum and coal products	16.3	581.6	10.4	21.0	349.9	1,588.4	617.2
Rubber and miscellaneous plastics products	70.1	1,382.0	51.3	101.3	780.5	3,292.9	268.3
Leather	a/	a/	a/	a/	a/	a/	a/
Stone, clay and glass products	46.3	1,180.0	35.8	73.0	840.7	3,250.3	191.0
Primary metal industries	34.7	805.7	26.8	53.9	547.3	1,630.4	87.9
Fabricated metal products	137.8	3,172.7	100.9	202.3	2,030.7	6,591.1	321.5
Machinery, except electrical	205.3	5,799.5	107.9	209.0	2,374.6	11,502.9	957.2
Electric and electronic equipment	352.4	9,963.7	179.8	359.6	3,944.6	21,411.0	1,739.9
Transportation equipment	297.5	10,202.4	153.7	306.5	4,316.6	20,702.1	1,383.7
Instruments and related products	83.4	2,209.8	46.3	89.7	973.2	4,959.0	336.8
Miscellaneous manufacturing industries	31.4	553.0	22.2	43.3	318.7	1,388.9	48.0

a/ Withheld to avoid disclosing data for individual companies; data are included in total.

Source: U.S. Department of Commerce, Bureau of the Census, Annual Survey of Manufactures 1986, Geographic Area Statistics

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-5

EMPLOYMENT IN AEROSPACE AND ELECTRONICS INDUSTRIES, CALIFORNIA, 1972 TO 1988 a/

(In thousands)

Year	Total	Office and computing machines	Radio and T.V. receiving equipment	Communi-cation equipment	Electronic components and accessories	Aircraft and parts	Guided missiles and space vehicles	Measuring and controlling devices
1972 SIC								
1972	427.4	52.1	15.0	95.1	52.0	135.4	52.8	25.1
1973	462.8	61.4	15.5	100.0	68.9	135.6	51.0	30.5
1974	485.8	69.7	15.8	102.6	78.5	134.9	51.7	32.7
1975	450.5	63.3	14.9	103.0	65.7	121.3	52.0	30.2
1976	449.6	62.3	16.1	105.4	74.8	108.5	50.0	32.5
1977	465.2	67.0	16.6	108.4	82.3	109.4	48.0	33.5
1978	518.8	80.1	17.8	119.1	97.3	117.5	49.6	37.4
1979	590.6	92.2	18.0	129.6	114.6	140.4	54.0	41.9
1980	632.6	97.9	17.6	137.3	124.2	151.0	58.6	46.0
1981	647.1	98.4	17.3	146.5	126.1	147.9	62.7	48.2
1982	658.3	103.9	14.9	157.2	131.0	137.3	66.4	47.6
1983	672.0	109.9	13.5	158.7	139.8	133.3	69.3	47.5
1984	730.0	117.9	13.7	167.2	165.3	141.1	73.8	51.1
1985	753.7	111.4	13.6	179.1	160.8	156.7	78.1	54.1
1986	752.0	107.2	14.0	179.5	148.6	167.4	81.0	54.3
1987	752.2	105.8	14.5	174.3	150.4	171.6	81.1	54.5
1988	760.3	107.8	15.1	168.7	157.6	172.3	81.2	57.7

		Aerospace			Electronics			
	Total	Aircraft and parts	Missiles and space vehicles	Navigation and guidance instruments	Office and computing machines	Communi-cations equipment	Electronic component	Laboratory measuring, controlling instruments
1987 SIC								
1987	742.8	164.0	81.1	137.4	105.8	37.5	150.4	66.6
1988	749.8	165.6	81.0	131.1	109.5	36.5	155.5	70.6

a/ Wage and salary workers.

Employment Development Department
Division of Employment Data and Research
Employer Reports Group
(916) 427-4681

1987 and 1988 revised definition:
California Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE H-6

PRIVATELY OWNED MANUFACTURING FIRMS, CALIFORNIA, 1987 a/

County	Number of firms	Employment	County	Number of firms	Employment
Total b/	48,000	2,106,551	Placer	195	6,072
			Plumas	46	1,074
Alameda	2,251	74,719	Riverside	866	33,022
Alpine	c/	c/	Sacramento	825	27,285
Amador	59	1,082	San Benito	42	1,986
Butte	215	4,897	San Bernardino	1,226	46,230
Calaveras	43	267	San Diego	2,795	121,067
Colusa	16	493	San Francisco	1,486	42,189
Contra Costa	704	29,192	San Joaquin	476	23,893
Del Norte	42	873	San Luis Obispo	222	4,888
El Dorado	138	1,733			
Fresno	651	22,083	San Mateo	1,091	32,700
			Santa Barbara	509	22,307
Glenn	33	1,270	Santa Clara	3,364	268,737
Humboldt	249	6,498	Santa Cruz	347	11,900
Imperial	62	1,422	Shasta	220	4,578
Inyo	20	306	Sierra	c/	c/
Kern	356	10,223	Siskiyou	95	1,981
Kings	47	3,543	Solano	228	6,737
Lake	37	367	Sonoma	625	17,638
Lassen	28	708	Stanislaus	349	23,725
Los Angeles	19,300	905,223			
Madera	74	3,786	Sutter	68	1,790
			Tehama	60	2,682
Marin	340	5,452	Trinity	33	502
Mariposa	20	167	Tulare	263	11,157
Mendocino	188	5,615	Tuolumne	64	937
Merced	114	9,395	Ventura	792	28,542
Modoc	19	145	Yolo	154	5,317
Mono	c/	c/	Yuba	55	1,380
Monterey	255	10,178			
Napa	194	4,498	Unallocated by		
Nevada	130	2,494	county	330	2,765
Orange	5,572	246,666			

a/ Averaged from January-December 1987.
b/ Detail may not add to total due to independent rounding.
c/ Counties not shown are included in "Unallocated by county" to avoid disclosure of confidential information.

Source: California Employment Development Department. Report 127.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-7

DEPARTMENT OF DEFENSE PRIME CONTRACTS TO CALIFORNIA OVER $25,000 BY PROGRAM 1983-84 TO 1987-88

(Amounts in millions)

Procurement program	1983-84	1984-85	1985-86	1986-87	1987-88
Total	$28,519.7	$29,114.6	$27,737.8	$24,514.5	$23,457.7
Percent of U.S.	23.0	20.8	20.4	18.4	18.7
Airframes and spares	6,731.8	7,196.3	5,822.9	2,468.2	3,758.1
Aircraft engines and spares	147.4	147.8	164.9	94.2	234.0
Other aircraft equipment	1,068.7	1,003.4	954.4	786.7	701.9
Missile and space systems	7,100.8	7,678.8	7,378.0	7,365.5	7,374.4
Ships	1,086.2	855.5	735.6	1,501.8	766.4
Combat vehicles	722.3	482.4	616.7	579.7	572.5
Non-combat vehicles	16.0	26.3	17.0	10.7	8.1
Weapons	1,316.3	1,384.2	1,080.9	1,092.5	719.3
Ammunition	674.6	549.1	750.1	721.3	746.4
Electronics and communication equipment	4,927.8	5,038.4	4,206.1	4,434.8	3,343.6
Petroleum	1,087.5	996.9	1,913.0	837.2	847.3
Other fuels and lubricants	3.3	2.8	3.7	0.9	3.0
Containers and handling equipment	1.2	1.2	1.7	0.6	1.4
Textiles, clothing and equipage	42.2	30.5	15.1	29.5	23.7
Building supplies	1.5	8.6	3.5	4.9	8.8
Subsistence	168.8	159.4	182.7	172.6	184.5
Transportation equipment	---	a/	---	a/	---
Production equipment	53.6	32.1	30.7	44.5	36.1
Construction	1,007.5	983.6	1,084.0	1,401.7	1,043.0
Construction equipment	1.0	1.5	1.7	0.5	0.9
Medical and dental supplies and equipmen	28.8	22.9	23.9	19.4	29.6
Photographic supplies and equipment	22.8	14.9	30.4	19.7	19.0
Materials handling equipment	3.3	7.6	11.1	6.4	5.2
All other supplies and equipment	560.8	639.3	666.0	727.2	622.0
Services	1,745.4	1,851.0	2,043.9	2,193.9	2,408.7

a/ Between $10,000 and $100,000.
Note: Detail may not add to total because of rounding.

Source: U.S. Department of Defense, Department of Defense Prime Contract Awards by Region and State.

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TABLE H-8

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION PRIME CONTRACT AWARDS TO CALIFORNIA FIRMS, 1974-75 TO 1987-88 a/

Fiscal year	Awards ($000)
1974-75	$1,081,905
1975-76	1,334,663
1976-77	1,417,181
1977-78	1,280,268
1978-79	1,438,969
1979-80	1,721,269
1980-81	1,875,403
1981-82	2,056,491
1982-83	2,131,242
1983-84	2,149,986
1984-85	2,236,531
1985-86	1,999,674
1986-87	2,224,687
1987-88	2,411,400

a/ (1975-1984) Excludes smaller procurements, generally those less than $10,000.
(1985-1987) Excludes smaller procurements, generally those less than $25,000.
Also excludes awards placed through other Government agencies, awards outside the U.S., and actions on JPL contracts.

Source: National Aeronautics and Space Administration, Annual Procurement Report

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TABLE H-9

MANUFACTURING: PURCHASED FUELS AND ELECTRIC ENERGY USED FOR HEAT AND POWER, 1981

Industry group	Purchased fuels and electric energy		Electric energy		
			Purchased		Generated
	BTUs (trillions)	Cost ($ mill.)	Quantity (mill. kwh)	Cost ($ mill.)	less sold (mill. kwh)
Total manufacturing	615.5	3,980.7	36,694.6	2,180.3	1,141.8
Food and kindred products	86.9	533.1	3,891.5	226.4	172.8
Textile mill products	4.4	27.0	202.1	13.1	d/
Apparel, other textile products	4.2	33.5	338.4	22.6	d/
Lumber and wood products	13.9	107.5	1,110.3	63.7	11.5
Furniture and fixtures	3.3	29.5	333.7	21.5	d/
Paper and allied products	34.9	208.1	1,558.8	88.4	d/
Printing and publishing	6.9	70.8	932.9	56.7	d/
Chemicals, allied products	57.0	324.1	2,980.3	168.2	d/
Petroleum and coal products	137.4	776.6	5,455.7	316.5	d/
Rubber, misc. plastic products	12.6	121.0	1,554.3	95.4	d/
Leather, leather products	0.9	7.1	71.3	4.6	d/
Stone, clay, glass products	117.6	500.0	3,015.5	167.1	d/
Primary metal industries	40.4	277.1	2,592.9	158.5	d/
Fabricated metal products	23.9	181.9	1,836.2	115.6	d/
Machinery, except electrical	17.6	176.6	2,417.0	145.4	a/
Electric, electronic equipment	20.6	246.3	3,703.7	216.7	a/
Transportation equipment	25.7	284.0	3,675.0	237.2	a/
Instruments, related products	4.4	48.7	714.1	42.0	d/
Misc. manufacturing industries	2.9	27.7	311.8	20.6	d/

Industry group	Purchased fuels		Fuel oil			
			Distillate		Residual	
	BTUs (trillions	Quantity ($ mill.)	Quantity (000 bbl.)	Cost ($ mill.)	Quantity (000 bbl.)	Cost ($ mill.)
Total manufacturing	490.3	1,800.4	1,056.9	39.5	2,585.9	65.3
Food and kindred products	73.7	306.7	225.6	7.7	695.9	16.1
Textile mill products	3.7	13.9	---	---	---	---
Apparel, other textile products	3.0	10.9	d/	d/	---	---
Lumber and wood products	10.1	43.9	192.9	7.4	182.4	5.2
Furniture and fixtures	2.1	8.0	---	---	---	---
Paper and allied products	29.6	119.7	49.4	1.7	546.1	14.5
Printing and publishing	3.7	14.1	d/	d/	---	---
Chemicals, allied products	46.8	155.8	30.6	1.1	d/	d/
Petroleum and coal products	118.8	460.0	65.9	2.4	d/	d/
Rubber, misc. plastic products	7.3	25.6	a/	a/	d/	d/
Leather, leather products	0.6	2.6	---	---	---	---
Stone, clay, glass products	107.3	332.9	345.9	13.4	581.4	14.2
Primary metal industries	31.5	118.6	14.9	0.6	d/	d/
Fabricated metal products	17.7	66.4	7.6	0.3	d/	d/
Machinery, except electrical	9.3	31.2	13.6	0.5	6.5	0.2
Electric, electronic equipment	8.0	29.6	d/	d/	d/	d/
Transportation equipment	13.1	46.8	84.9	3.4	---	---
Instruments, related products	1.9	6.7	d/	d/	---	---
Misc. manufacturing industries	1.8	7.1	---	---	d/	d/

TABLE H-9 (Continued)

MANUFACTURING: PURCHASED FUELS AND ELECTRIC ENERGY USED FOR HEAT AND POWER, 1981

Industry group	Bituminous coal, lignite and anthracite		Coke and breeze	
	Quantity (000 short tons)	Cost ($ mill.)	Quantity (000 short tons)	Cost ($ mill.)
Total manufacturing	1,520.9	74.6	57.5	6.9
Food and kindred products	---	---	d/	d/
Textile mill products	---	---	---	---
Apparel, other textile products	---	---	---	---
Lumber and wood products	---	---	---	---
Furniture and fixtures	---	---	---	---
Paper and allied products	---	---	---	---
Printing and publishing	---	---	---	---
Chemicals, allied products	---	---	---	---
Petroleum and coal products	---	---	---	---
Rubber, misc. plastic products	---	---	---	---
Leather, leather products	---	---	---	---
Stone, clay, glass products	1,520.9	74.6	d/	d/
Primary metal industries	---	---	28.7	4.4
Fabricated metal products	---	---	---	---
Machinery, except electrical	---	---	---	---
Electric, electronic equipment	---	---	---	---
Transportation equipment	---	---	---	---
Instruments, related products	---	---	---	---
Misc. manufacturing industries	---	---	---	---

Industry group	Natural gas		Liquified petroleum gases		Other fuels ($ mill.)	Fuels not specified by kind ($ mill.)
	Quantity (bill. cu.ft.)	Cost ($ mill.)	Quantity (mill. lbs)	Cost ($ mill.)		
Total manufacturing	334.8	1,327.6	125.1	14.7	69.9	202.0
Food and kindred products	64.5	270.9	46.1	5.6	10.4	d/
Textile mill products	2.6	10.2	0.7	0.1	d/	d/
Apparel, other textile products	s/	s/	---	---	s/	d/
Lumber and wood products	2.3	8.8	2.2	0.2	8.3	14.0
Furniture and fixtures	s/	s/	s/	s/	s/	s/
Paper and allied products	19.0	79.5	5.6	0.7	d/	d/
Printing and publishing	1.7	5.9	d/	d/	0.7	6.5
Chemicals, allied products	33.2	118.4	8.3	1.0	10.3	d/
Petroleum and coal products	108.7	429.6	d/	d/	10.4	10.7
Rubber, misc. plastic products	s/	s/	s/	s/	s/	d/
Leather, leather products	0.4	1.7	---	---	---	0.8
Stone, clay, glass products	42.2	179.0	6.8	0.8	2.3	d/
Primary metal industries	23.5	89.9	d/	d/	1.0	15.6
Fabricated metal products	11.7	44.8	7.4	0.9	2.6	d/
Machinery, except electrical	4.5	14.3	5.3	0.6	1.3	14.3
Electric, electronic equipment	4.9	18.8	1.5	0.2	d/	8.8
Transportation equipment	10.4	35.9	14.8	1.7	2.2	3.6
Instruments, related products	1.0	3.9	1.5	0.2	0.4	d/
Misc. manufacturing industries	s/	s/	d/	d/	d/	s/

--- Represents zero.
d Withheld to avoid disclosing figures for individual companies.
s Withheld because the estimate did not meet publication standards.
Source: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufacturers

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SECTION I

CONSTRUCTION

This section presents annual data on California building permits issued for housing units, and the valuation of building permits issued for both residential and nonresidential units. Annual figures by county are also included. The construction statistics are compiled by Security Pacific National Bank through 1986 and the U.S. Department of Commerce.

TABLE I-1

OWNER-OCCUPIED HOUSING: VALUE IN 1980 a/

Value	Number of units
Less than $20,000	78,735
$20,000 to $39,999	277,765
$40,000 to $59,999	559,711
$60,000 to $79,999	829,169
$80,000 to $99,999	729,988
$100,000 to $124,999	493,196
$125,000 to $149,999	311,783
$150,000 to $199,999	281,546
$200,000 or more	275,280
Median value	84,500

a/ Value is the Census respondent's estimate of how much the property (house and lot), would sell for if it were for sale.

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing

TABLE I-2

CONTRACT RENT: 1980

Contract rent	Number of units
Less than $50	17,966
$50 to $99	165,438
$100 to $149	313,454
$150 to $199	600,586
$200 to $249	665,356
$250 to $299	633,056
$300 to $349	431,552
$350 to $399	304,291
$400 to $499	285,290
$500 or more	178,924
Median Rent	253

Source: U.S. Department of Commerce Bureau of the Census, 1980 Census of Housing

TABLE I-3

NONRESIDENTIAL CONSTRUCTION AUTHORIZED BY PERMIT, CALIFORNIA, 1970 TO 1988

(Thousands of dollars)

Year	Commercial	Industrial	Other	Additions and alterations	Total
1970	1,089,054	288,077	674,969	491,669	2,543,764
1971	1,401,364	326,049	978,580	263,473	2,969,469
1972	1,437,511	464,702	865,306	281,118	3,048,634
1973	1,349,105	717,549	828,827	337,156	3,230,637
1974	1,260,018	736,532	902,675	359,502	3,258,723
1975	1,296,132	491,032	952,261	366,794	3,106,221
1976	1,327,749	629,515	1,067,335	443,049	3,467,649
1977	1,890,490	1,093,685	1,229,912	498,550	4,712,638
1978	2,477,474	1,556,132	1,318,691	606,069	5,958,365
1979	3,377,019	1,812,478	1,383,480	721,923	7,294,901
Revised definition a/					
1980	3,274,077	1,276,735	1,202,941	1,716,358	7,470,107
1981	4,034,262	1,484,012	1,308,222	2,079,349	8,905,843
1982	4,176,487	1,051,366	1,401,367	2,100,651	8,729,875
1983	4,456,644	1,312,567	1,478,114	2,663,477	9,910,801
1984	5,643,180	2,020,359	1,561,724	2,747,846	11,973,109
1985	6,235,954	1,956,566	1,800,293	3,324,965	13,317,778
1986	5,780,519	2,135,479	1,886,448	3,392,460	13,194,906
1987	5,565,678	1,767,106	1,396,049	3,530,712	12,259,547
1988	6,199,153	1,712,606	1,495,743	3,968,195	13,375,697

a/ Prior to 1980 all additions and alterations of $100,000 or more were recorded as construction in the commercial, industrial or other categories.

Note: Detail may not add to total due to rounding.

Source: U.S. Department of Commerce, Bureau of the Census
Security Pacific National Bank (1970-86)

TABLE I-4

NEW HOUSING UNITS AUTHORIZED, CALIFORNIA, 1970 TO 1988

Year	Total	Single	Multiple
1970	195,692	71,344	124,348
1971	256,989	113,260	143,729
1972	279,670	124,064	155,606
1973	216,079	102,571	113,508
1974	129,229	76,204	53,025
1975	131,732	89,823	41,909
1976	221,940	140,293	81,647
1977	270,640	174,874	95,766
1978	243,805	141,537	102,268
1979	210,076	127,499	82,577
1980	144,987	86,632	58,355
1981	104,873	59,973	44,900
1982	84,373	49,852	34,521
1983	168,358	99,299	69,059
1984	218,007	107,346	110,661
1985	263,682	109,809	153,873
1986	302,934	143,013	159,921
1987	248,695	133,289	115,406
1988	252,520	160,519	92,001

Source: U.S. Department of Commerce, Bureau of the Census
Security Pacific National Bank (1970-86)

Source agency for Tables I-1 through I-4:
Department of Finance
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TABLE I-5

NUMBER AND VALUATION OF NEW HOUSING UNITS AUTHORIZED BY BUILDING PERMITS, CALIFORNIA, 1988

County	Number of units			Valuation ($1,000)			
	Single	Multiple	Total	Single	Multiple	Additions	Total
Total	160,519	92,001	252,520	$17,925,290	$5,120,982	$2,406,242	$25,452,514
Alameda	3,810	2,685	6,495	451,363	130,013	121,710	703,086
Alpine	18	0	18	2,264	0	0	2,264
Amador	266	12	278	22,694	647	1,944	25,285
Butte	1,200	173	1,373	95,851	8,561	7,902	112,315
Calaveras	566	47	613	56,755	1,793	3,030	61,578
Colusa	68	4	72	3,307	202	789	4,298
Contra Costa	5,853	2,171	8,024	615,451	99,677	62,576	777,704
Del Norte	83	62	145	6,956	2,753	219	9,928
El Dorado	2,019	331	2,350	208,136	15,017	11,817	234,970
Fresno	3,248	883	4,131	259,174	30,907	14,377	304,458
Glenn	51	7	58	3,738	215	979	4,932
Humboldt	481	179	660	31,718	5,303	6,640	43,661
Imperial	440	150	590	32,268	5,485	4,825	42,579
Inyo	31	0	31	3,813	0	775	4,587
Kern	2,864	294	3,158	231,638	20,604	14,296	266,538
Kings	415	206	621	36,187	11,578	2,840	50,605
Lake	284	54	338	22,153	1,605	3,458	27,216
Lassen	127	9	136	7,324	267	1,554	9,145
Los Angeles	17,611	32,164	49,775	2,218,614	1,835,847	881,958	4,936,419
Madera	669	151	820	36,719	4,772	2,484	43,975
Marin	944	389	1,333	119,425	22,542	47,753	189,720
Mariposa	169	2	171	12,194	66	666	12,926
Mendocino	316	111	427	24,284	3,955	4,428	32,667
Merced	955	386	1,341	74,938	16,478	5,203	96,618
Modoc	9	0	9	843	0	518	1,360
Mono	52	30	82	5,428	1,071	566	7,065
Monterey	1,084	418	1,502	129,698	21,154	31,348	182,200
Napa	859	115	974	91,449	3,475	16,801	111,725
Nevada	1,204	220	1,424	120,388	13,067	8,623	142,078
Orange	11,288	11,864	23,152	1,613,592	675,237	186,980	2,475,809
Placer	3,071	852	3,923	335,956	36,392	13,331	385,679
Plumas	256	0	256	17,505	0	541	18,046
Riverside	28,199	5,531	33,730	2,769,534	269,623	56,634	3,095,790
Sacramento	8,289	3,424	11,713	913,258	151,958	58,034	1,123,249
San Benito	473	34	507	47,624	1,507	934	50,065
San Bernardino	14,830	3,591	18,421	1,391,349	159,070	76,341	1,626,760
San Diego	14,878	13,656	28,534	2,331,113	890,493	170,267	3,391,873
San Francisco	157	1,774	1,931	26,527	148,826	116,043	291,397
San Joaquin	3,294	789	4,083	311,072	36,748	17,702	365,522
San Luis Obispo	2,250	225	2,475	238,799	14,487	12,046	265,332
San Mateo	1,430	989	2,419	249,231	86,331	115,652	451,214
Santa Barbara	1,071	261	1,332	148,375	14,539	33,726	196,640
Santa Clara	3,690	2,800	6,490	486,249	129,159	135,538	750,946
Santa Cruz	835	263	1,098	112,517	18,397	23,408	154,321
Shasta	1,138	261	1,399	76,677	9,132	6,514	92,323
Sierra	22	0	22	1,835	0	222	2,057
Siskiyou	162	23	185	12,399	813	2,468	15,680
Solano	4,423	732	5,155	449,549	34,213	16,841	500,603
Sonoma	3,858	816	4,674	394,570	31,041	24,856	450,467
Stanislaus	4,376	618	4,994	330,252	22,262	9,340	361,853
Sutter	239	92	331	22,398	3,218	1,969	27,585
Tehama	126	25	151	10,721	1,554	3,074	15,349
Trinity	56	56	112	2,445	1,793	667	4,905
Tulare	1,298	223	1,521	88,460	5,840	12,316	106,616
Tuolumne	543	43	586	26,153	1,564	2,556	30,273
Ventura	3,675	1,479	5,154	514,642	102,485	40,746	657,873
Yolo	787	228	1,015	68,203	14,610	5,404	88,217
Yuba	109	99	208	9,517	2,640	2,009	14,167

Source: U.S. Department of Commerce, Bureau of the Census.

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TABLE I-6

GENERAL HOUSING CHARACTERISTICS: 1980

County	Total persons	Total housing units	Year-round housing units		Vacancy rate		Occupied year round housing units					
			Total	Median rooms	Home owner	Rental	Total	Owner occupied	Median rooms	Median number of persons	Median value a/	Median rent b/
California	23,667,902	9,279,036	9,220,421	4.8	2.3	5.1	8,629,866	4,825,252	4.8	2.29	84,500	253
Alameda	1,105,379	444,607	444,422	4.8	1.4	4.1	426,092	226,137	4.9	2.18	84,900	240
Alpine	1,097	933	770	4.1	7.8	38.1	386	238	4.8	2.42	87,300	257
Amador	19,314	9,446	9,175	4.8	2.8	5.7	7,468	5,589	4.9	2.19	66,700	187
Butte	143,851	61,360	60,769	4.7	2.2	5.9	56,904	36,327	4.8	2.15	57,300	192
Calaveras	20,710	12,746	12,063	4.7	4.4	6.9	8,004	5,978	4.8	2.22	65,500	175
Colusa	12,791	5,334	5,067	5.0	1.2	5.0	4,690	2,937	5.1	2.30	47,000	144
Contra Costa	656,380	251,951	251,721	5.4	1.9	4.5	241,534	164,860	5.5	2.37	94,300	266
Del Norte	18,217	7,581	7,344	4.6	1.8	7.3	6,791	4,547	4.6	2.27	49,800	177
El Dorado	85,812	44,987	39,530	4.9	4.2	11.9	32,505	21,897	5.0	2.30	83,200	283
Fresno	514,621	193,653	191,520	5.0	2.6	7.4	178,506	105,142	5.0	2.41	60,900	199
Glenn	21,350	8,425	8,289	4.9	2.0	7.2	7,707	5,237	5.0	2.34	48,000	171
Humboldt	108,514	45,381	44,585	4.7	1.4	5.2	41,565	25,148	4.7	2.24	54,200	201
Imperial	92,110	32,088	30,839	4.5	1.6	7.7	28,157	16,993	4.6	2.81	47,900	175
Inyo	17,895	8,484	8,027	4.4	2.1	7.2	7,214	4,697	4.5	2.12	80,000	157
Kern	403,089	155,702	154,321	4.8	2.4	7.6	139,811	85,641	4.9	2.42	53,100	203
Kings	73,738	25,694	25,575	5.0	2.8	6.2	23,499	13,786	5.1	2.72	46,500	172
Lake	36,366	23,008	20,463	4.3	5.2	12.5	15,192	11,367	4.5	2.08	56,700	177
Lassen	21,661	8,899	8,241	4.8	1.9	8.6	7,400	5,135	4.9	2.37	50,200	167
Los Angeles	7,477,503	2,855,578	2,853,453	4.5	1.8	3.9	2,730,469	1,323,397	4.5	2.26	87,400	244
Madera	63,116	24,607	24,088	5.0	3.6	9.8	20,950	14,008	5.1	2.54	60,000	173
Marin	222,568	92,649	92,357	5.2	1.5	2.4	88,723	53,196	5.3	2.15	151,000	345
Mariposa	11,108	5,762	5,335	4.4	2.4	10.9	4,132	2,842	4.6	2.17	62,100	153
Mendocino	66,738	28,998	28,217	4.5	2.1	6.1	25,072	16,096	4.6	2.27	70,200	209
Merced	134,560	50,050	48,912	4.9	2.4	8.1	44,539	25,710	5.0	2.59	52,000	192
Modoc	8,610	3,738	3,562	5.0	1.5	4.8	3,198	2,268	5.1	2.27	40,100	135
Mono	8,577	8,397	7,637	4.1	10.5	16.4	3,453	1,746	4.2	2.16	105,600	239
Monterey	290,444	103,557	103,236	4.7	2.1	5.0	95,734	50,794	4.8	2.42	86,000	262
Napa	99,199	40,052	38,405	5.1	1.2	2.1	36,624	23,894	5.1	2.21	78,600	249
Nevada	51,645	24,759	23,815	4.9	4.0	9.6	20,012	14,950	5.0	2.23	79,800	234
Orange	1,932,709	721,514	719,900	5.2	2.3	4.6	686,267	415,098	5.2	2.39	106,800	331
Placer	117,247	54,014	46,757	5.2	4.3	8.8	42,732	30,757	5.2	2.37	78,100	222
Plumas	17,340	9,451	8,237	4.7	3.5	9.7	6,637	4,446	4.8	2.26	66,600	160
Riverside	663,166	295,043	291,783	4.9	5.0	9.6	242,937	166,218	4.9	2.27	67,300	229
Sacramento	783,381	323,702	323,434	5.1	3.0	9.5	299,805	181,011	5.1	2.25	63,300	215
San Benito	25,005	8,750	8,715	4.9	2.7	5.9	7,882	4,601	5.0	2.72	74,100	184

TABLE I-6 (Continued)

GENERAL HOUSING CHARACTERISTICS: 1980

County	Total persons	Total housing units	Year-round housing units				Occupied year round housing units					
			Total	Median rooms	Vacancy rate: Home owner	Vacancy rate: Rental	Total	Owner occupied	Median rooms	Median number of persons	Median value a/	Median rent b/
San Bernardino	895,016	370,155	366,136	5.0	4.5	9.2	308,643	210,997	5.1	2.44	63,000	221
San Diego	1,861,846	720,346	717,906	4.8	3.1	5.9	670,094	369,247	4.8	2.26	90,000	256
San Francisco	678,974	316,608	316,351	4.0	1.7	4.1	298,956	100,786	4.1	1.78	103,900	266
San Joaquin	347,342	136,001	135,429	4.9	2.7	10.4	124,626	75,145	4.9	2.34	54,500	186
San Luis Obispo	155,435	66,780	66,070	4.7	3.1	5.4	58,204	35,002	4.7	2.19	78,100	250
San Mateo	587,329	233,200	232,917	5.0	1.4	3.4	225,201	134,341	5.1	2.23	121,300	311
Santa Barbara	298,694	114,910	114,720	4.8	2.0	3.7	109,315	57,867	4.9	2.26	103,700	274
Santa Clara	1,295,071	473,817	473,523	5.2	1.3	3.3	458,519	273,561	5.2	2.41	107,700	308
Santa Cruz	188,141	80,863	79,506	4.6	2.5	5.6	71,793	42,683	4.7	2.19	93,800	274
Shasta	115,715	47,446	46,484	4.8	2.4	7.4	43,014	28,957	4.8	2.33	59,000	204
Sierra	3,073	1,893	1,762	4.4	2.3	5.8	1,274	834	4.6	2.10	56,900	125
Siskiyou	39,732	17,504	16,859	4.7	2.4	8.7	15,115	10,432	4.8	2.10	51,600	159
Solano	235,203	84,270	84,073	5.3	2.0	4.5	80,426	50,851	5.3	2.49	66,700	216
Sonoma	299,681	124,189	123,709	5.0	2.2	3.1	114,474	72,728	5.0	2.23	87,600	255
Stanislaus	265,900	102,472	102,200	5.0	2.8	9.0	94,675	59,095	5.0	2.40	58,400	207
Sutter	52,246	20,425	20,248	5.0	2.4	8.0	18,809	11,456	5.1	2.36	57,900	177
Tehama	38,888	16,556	16,108	4.8	2.1	9.0	14,538	10,410	4.8	2.29	48,200	171
Trinity	11,858	6,350	5,451	4.2	2.4	9.1	4,498	3,118	4.4	2.30	53,200	158
Tulare	245,738	88,744	86,693	4.9	2.1	6.9	80,646	51,121	5.0	2.55	48,800	174
Tuolumne	33,928	19,370	18,432	4.7	4.3	8.0	12,866	9,100	4.8	2.24	67,200	188
Ventura	529,174	183,384	182,748	5.4	2.6	5.0	172,781	112,995	5.4	2.64	93,200	287
Yolo	113,374	43,605	43,439	4.8	1.9	4.8	41,304	22,314	4.8	2.27	66,000	210
Yuba	49,733	19,248	19,093	4.7	2.2	8.5	17,504	9,524	4.8	2.21	44,400	172

a/ Value is the census respondent's estimate of how much the property (house and lot) would sell for, if it were for sale.
b/ Rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

Source: U. S. Department of Commerce, Bureau of the Census, 1980 Census of Housing.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE I-7

POPULATION AND HOUSING CHARACTERISTICS: JANUARY 1, 1989 a/

County	Population			Housing units								
					Single							Pop. per
	Total	House-holds b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	house-hold e/
California	28,662,249	27,950,241	712,008	10,966,024	6,044,337	609,292	910,306	2,920,681	481,408	10,286,146	6.20	2.717
Alameda	1,252,425	1,214,721	37,704	500,620	270,165	25,307	58,725	140,637	5,786	483,911	3.34	2.510
Alpine	1,194	1,178	16	1,221	699	13	112	344	53	450	63.14	2.618
Amador	29,169	25,539	3,630	12,300	9,855	125	572	742	1,006	9,889	19.60	2.583
Butte	176,738	171,822	4,916	75,726	45,565	1,698	6,749	10,221	11,493	70,076	7.46	2.452
Calaveras	32,396	31,893	503	18,827	14,796	111	891	591	2,438	12,175	35.33	2.620
Colusa	15,489	15,271	218	6,123	4,418	137	367	642	559	5,411	11.63	2.822
Contra Costa	775,478	766,302	9,176	306,458	200,649	21,119	22,989	55,407	6,294	295,427	3.60	2.594
Del Norte	20,382	20,005	377	8,892	5,338	64	501	693	2,296	7,869	11.50	2.542
El Dorado	124,116	123,107	1,009	58,842	46,283	701	3,262	4,824	3,772	45,176	23.22	2.725
Fresno	621,220	608,723	12,497	236,405	146,017	7,216	20,909	51,432	10,831	217,410	8.03	2.800
Glenn	23,588	23,370	218	9,755	6,668	104	672	999	1,312	8,873	9.04	2.634
Humboldt	116,814	113,966	2,848	50,022	33,435	864	5,317	5,021	5,385	46,049	7.94	2.475
Imperial	115,725	114,232	1,493	36,500	21,102	1,127	3,058	5,989	5,224	33,091	9.34	3.452
Inyo	18,175	17,796	379	9,359	4,727	63	525	1,026	3,018	7,654	18.22	2.325
Kern	526,636	513,064	13,572	197,819	125,443	5,616	19,067	26,403	21,290	181,777	8.11	2.822
Kings	96,012	86,925	9,087	31,562	20,845	1,828	2,736	4,115	2,038	29,063	7.92	2.991
Lake	52,087	51,287	800	28,706	15,878	220	1,131	1,775	9,702	21,229	26.05	2.416
Lassen	28,800	22,872	5,928	10,644	6,079	61	580	1,102	2,822	8,645	18.78	2.646
Los Angeles	8,650,337	8,486,951	163,386	3,131,076	1,544,682	142,407	209,812	1,187,725	46,450	3,014,287	3.73	2.816
Madera	83,800	82,834	966	31,340	23,396	377	1,855	2,804	2,908	26,746	14.66	3.097
Marin	231,853	224,872	6,981	100,088	59,657	7,311	10,097	21,295	1,728	97,172	2.91	2.314
Mariposa	14,812	13,971	841	7,974	4,823	30	308	606	2,207	5,364	32.73	2.605
Mendocino	76,903	75,474	1,429	34,132	22,015	444	3,102	3,759	4,812	29,251	14.30	2.580
Merced	173,858	171,394	2,464	58,998	39,089	2,292	5,257	8,179	4,181	54,629	7.41	3.137
Modoc	9,368	9,105	263	4,590	2,987	36	188	287	1,092	3,655	20.37	2.491
Mono	9,793	9,567	226	10,316	3,752	379	1,097	4,303	785	4,225	59.04	2.264
Monterey	349,338	328,401	20,937	118,809	66,548	8,041	10,895	28,050	5,275	111,865	5.84	2.936
Napa	107,577	102,463	5,114	44,825	28,961	2,316	3,259	5,660	4,629	41,433	7.57	2.473
Nevada	78,775	77,733	1,042	35,163	27,654	440	1,854	2,083	3,132	29,542	15.99	2.631
Orange	2,280,405	2,246,884	33,521	851,516	431,415	79,171	84,069	230,176	26,685	824,880	3.13	2.724
Placer	160,368	158,073	2,295	73,233	53,951	2,462	4,394	8,103	4,323	59,968	18.11	2.636
Plumas	20,067	19,948	119	11,627	7,980	326	550	1,051	1,720	8,178	29.66	2.439
Riverside	1,014,779	998,861	15,918	439,620	250,554	32,314	26,123	66,018	64,611	362,350	17.58	2.757
Sacramento	988,285	966,731	21,554	406,945	246,014	18,408	36,067	94,000	12,456	383,958	5.65	2.518
San Benito	35,269	34,802	467	12,068	8,190	490	1,163	1,323	902	11,346	5.98	3.067

TABLE I-7 (Continued)

POPULATION AND HOUSING CHARACTERISTICS: JANUARY 1, 1989 a/

County	Population			Housing units								
					Single							
	Total	House-holds b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	Pop. per house-hold e/
San Bernardino	1,324,611	1,290,356	34,255	527,686	359,020	14,334	34,145	86,151	34,036	450,504	14.63	2.864
San Diego	2,418,176	2,298,105	120,071	921,940	466,420	55,387	76,094	283,775	40,264	876,728	4.90	2.621
San Francisco	731,693	706,593	25,100	327,274	56,472	55,412	72,453	142,694	243	313,326	4.26	2.255
San Joaquin	460,283	446,283	14,000	165,014	105,182	9,560	13,090	29,989	7,193	154,087	6.62	2.896
San Luis Obispo	211,941	198,843	13,098	87,077	53,124	3,760	8,371	12,180	9,642	78,156	10.24	2.544
San Mateo	632,782	624,607	8,175	250,530	143,334	16,382	18,279	69,695	2,840	242,616	3.16	2.574
Santa Barbara	348,443	334,936	13,507	132,918	74,021	6,840	13,031	32,188	6,838	127,097	4.38	2.635
Santa Clara	1,440,889	1,409,692	31,197	531,534	304,151	32,161	47,210	131,133	16,879	516,128	2.90	2.731
Santa Cruz	229,871	222,697	7,174	91,439	56,765	4,776	9,183	14,646	6,069	82,952	9.28	2.685
Shasta	143,106	141,165	1,941	60,248	37,107	691	3,783	6,972	11,695	53,624	10.99	2.632
Sierra	3,598	3,558	40	2,097	1,598	12	125	142	220	1,410	32.76	2.523
Siskiyou	43,763	43,122	641	20,998	14,060	264	1,230	1,769	3,675	17,679	15.81	2.439
Solano	321,087	305,977	15,110	112,223	76,514	3,906	9,620	18,492	3,691	109,027	2.85	2.806
Sonoma	371,569	364,177	7,392	154,948	102,755	8,935	12,130	21,316	9,812	145,136	6.33	2.509
Stanislaus	347,506	342,630	4,876	129,955	89,380	5,587	9,589	17,741	7,658	121,822	6.26	2.813
Sutter	62,470	61,894	576	23,779	15,155	546	2,168	4,332	1,578	22,150	6.85	2.794
Tehama	47,269	46,664	605	20,592	12,189	70	1,458	1,828	5,047	18,065	12.27	2.583
Trinity	13,996	13,840	156	7,355	4,664	16	368	457	1,850	5,359	27.14	2.583
Tulare	300,219	295,636	4,583	104,581	74,414	3,195	7,624	10,622	8,726	95,954	8.25	3.081
Tuolumne	49,024	42,846	6,178	24,596	17,936	247	1,091	1,053	4,269	16,621	32.42	2.578
Ventura	653,609	642,728	10,881	222,302	139,909	19,584	15,110	37,891	9,808	213,854	3.80	3.005
Yolo	136,985	128,197	8,788	52,750	27,815	3,330	4,142	14,443	3,020	50,849	3.60	2.521
Yuba	57,328	55,558	1,770	22,087	12,722	679	1,759	3,787	3,140	19,978	9.55	2.781

a/ Estimate.
b/ Number of persons living in occupied housing units, or households.
c/ Includes persons living in mobile homes.
d/ Not included in households.
e/ Population in households divided by the number of occupied housing units.

Department of Finance
Demographic Research Unit
(916) 322-4651

SECTION J

TRANSPORTATION AND PUBLIC UTILITIES

This section presents selected transportation statistics on California's public roads, airports, and seaports and data summarizing the operations of public utilities.

The statistical data relating to highway transportation provide information on mileage, fuel distribution, construction and maintenance mileage, vehicle registrations, licensed drivers, and accidents.

In addition, this section contains statistics on the value of imports and exports through California's airports and seaports. Also contained are representative utility bills for selected cities.

TABLE J-1

MILEAGE OF MAINTAINED PUBLIC ROADS IN EACH COUNTY BY JURISDICTION, 1988 a/

County	Total	State Highways			County Roads	City Streets	Other State Roads	National Roads
		Total	Rural	Urban				
Alameda	3,297.6	208.9	28.3	180.6	495.3	2,591.9	1.5	--
Alpine	272.2	82.7	82.7	--	134.2	--	3.9	51.4
Amador	661.2	126.9	126.9	--	401.6	57.6	1.0	74.1
Butte	2,296.9	181.1	154.8	26.3	1,377.0	325.6	23.3	389.9
Calaveras	1,021.9	150.3	150.3	--	687.3	15.7	38.5	130.1
Colusa	937.0	114.8	114.8	--	737.3	38.8	1.5	44.6
Contra Costa	2,902.0	111.8	21.6	90.2	745.9	1,967.4	75.4	1.5
Del Norte	700.6	91.4	91.4	--	298.1	18.1	26.5	266.5
El Dorado	2,036.0	172.6	147.4	25.2	1,010.7	163.1	174.6	515.0
Fresno	6,695.8	518.9	457.3	61.6	3,630.6	1,791.1	29.0	726.2
Glenn	1,085.8	110.2	110.2	--	865.2	49.5	--	60.9
Humboldt	2,280.0	334.0	305.6	28.4	1,199.6	252.7	63.5	430.2
Imperial	3,290.4	401.5	380.0	21.5	2,594.6	250.9	16.2	27.2
Inyo	2,883.6	424.4	424.4	--	1,127.0	10.6	--	1,321.6
Kern	6,087.6	866.7	787.2	79.5	3,340.5	1,572.0	6.6	301.8
Kings	1,372.6	156.7	150.6	6.1	986.9	227.8	--	1.2
Lake	1,121.4	135.7	135.7	--	619.6	180.5	42.6	143.0
Lassen	2,230.7	303.6	299.8	3.8	943.2	29.0	--	954.9
Los Angeles	21,107.1	903.3	250.4	652.9	3,380.2	16,104.9	155.3	563.4
Madera	2,210.5	130.5	121.2	9.3	1,559.1	164.0	--	356.9
Marin	1,219.8	90.5	50.4	40.1	414.6	567.1	65.1 b/	82.5
Mariposa	1,062.0	117.1	117.1	--	559.6	--	--	385.3
Mendocino	2,039.6	381.2	371.4	9.8	1,015.1	97.8	404.2	141.3
Merced	2,402.4	255.0	228.5	26.5	1,770.2	350.2	27.0	--
Modoc	1,826.9	177.6	177.6	--	993.1	33.6	--	622.6
Mono	1,703.5	314.7	314.7	--	668.6	51.1	8.8	660.3
Monterey	2,358.5	288.7	243.9	44.8	1,274.3	567.1	39.3	189.1
Napa	840.7	111.9	93.6	18.3	465.3	237.2	7.3	19.0
Nevada	1,116.3	129.6	122.8	6.8	697.7	52.2	24.1	212.7
Orange	5,473.9	242.8	26.6	216.2	624.1	4,534.9	14.9	57.2
Placer	1,771.8	155.7	132.6	23.1	984.5	328.6	9.1	293.9
Plumas	2,268.4	181.8	181.8	--	660.6	21.4	15.8	1,388.8
Riverside	7,016.7	690.3	524.7	165.6	2,763.0	3,152.0	35.1	376.3
Sacramento	3,949.1	223.5	124.0	99.5	2,471.1	1,248.3	6.2	--
San Benito	858.3	90.6	82.4	8.2	439.8	61.0	241.5	25.4
San Bernardino	9,090.7	1,215.4	940.2	275.2	4,038.3	3,241.4	32.3	563.3
San Diego	8,369.5	584.6	310.3	274.3	1,864.0	4,793.8	813.1	314.0
San Francisco	892.7	34.1	--	34.1	--	849.9	4.2 b/	4.5
San Joaquin	3,068.7	261.2	216.8	44.4	1,743.4	1,047.4	16.7	--
San Luis Obispo	2,452.8	365.8	310.5	55.3	1,259.8	492.5	50.4	284.3
San Mateo	2,020.3	212.6	79.8	132.8	321.3	1,454.9	31.5	--
Santa Barbara	2,247.4	302.5	226.7	75.8	905.1	538.5	32.0	469.3
Santa Clara	4,495.6	243.3	87.1	156.2	724.0	3,341.2	187.1	--
Santa Cruz	1,114.6	123.6	76.5	47.1	601.1	274.7	115.2	--
Shasta	2,720.5	311.9	260.1	51.8	1,234.4	307.0	115.4	751.8
Sierra	978.3	97.6	97.6	--	389.2	5.2	--	486.3
Siskiyou	2,228.1	349.5	338.6	10.9	1,368.2	150.8	--	359.6
Solano	1,573.6	159.4	92.5	66.9	621.7	790.3	2.2	--
Sonoma	2,519.5	237.5	187.8	49.7	1,444.5	740.7	91.8	5.0
Stanislaus	2,593.6	180.8	145.8	35.0	1,581.4	827.3	4.1	--
Sutter	1,033.0	83.6	73.7	9.9	856.5	92.9	--	--
Tehama	1,757.5	206.6	197.5	9.1	1,098.0	87.1	2.1	363.7
Trinity	2,209.6	202.4	202.4	--	718.3	--	0.1	1,288.8
Tulare	4,680.3	352.8	305.8	47.0	3,151.5	612.6	33.6	529.8
Tuolumne	1,177.6	151.8	151.8	--	602.0	23.1	2.0	398.7
Ventura	2,759.2	271.9	168.1	103.8	540.5	1,570.7	75.7	300.4
Yolo	1,358.3	179.1	152.5	26.6	822.1	340.9	--	16.2
Yuba	822.2	64.5	50.6	13.9	586.3	67.4	--	104.0
Total	162,562.4	15,169.5	11,805.4	3,364.1	68,407.1	58,764.0	3,167.3	17,054.5

a/ Does not include primitive (non-maintained) roads.
b/ Includes 2.0 miles for the Golden Gate Bridge.

California Department of Transportation
Division of Transportation Planning
(916) 323-8841

TABLE J-2

STATE HIGHWAY MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME AND ROAD SURFACE TYPE, DECEMBER 31, 1988 a/

	Total	Rural	Urban
Average daily traffic volume group:			
Under 1,000 vehicles	1,935	1,922	13
1,000- 4,999	5,172	5,071	101
5,000- 14,999	3,500	3,067	433
15,000- 29,999	1,737	1,144	593
30,000- 49,999	1,062	415	647
50,000- 99,999	743	154	589
100,000-199,999	755	32	723
200,000 and over	265	0	265
Total	15,169	11,805	3,364
Road surface type:			
Portland cement concrete	2,658	1,283	1,375
High type bituminous	9,689	7,929	1,760
Low type bituminous	2,224	2,161	63
Oiled earth, gravel	317	315	2
Graded and drained earth	7	7	0
Bridges	274	110	164
Total	15,169	11,805	3,364

a/ Data are for centerline mileage only; do not include frontage roads, connections, etc.

California Department of Transportation
Division of Transportation Planning
(916) 323-8841

TABLE J-3

DISTRIBUTION OF FEE-PAID REGISTRATIONS BY TYPE AND AGE OF VEHICLE, 1989 a/

(Percent)

Vehicle age; Less than:	Auto	Commer-cial	Trailers	Motor-cycles
1 year	9.85	8.85	7.79	8.31
2 years	18.65	17.35	15.08	17.53
3 years	27.88	26.35	21.85	26.89
4 years	36.33	35.04	27.57	36.32
5 years	43.73	42.23	33.61	44.76
6 years	50.00	47.51	37.79	52.19
7 years	54.98	51.81	41.15	57.95
8 years	59.90	55.64	44.70	63.60
9 years	64.65	59.69	48.04	69.15
10 years	69.78	64.50	52.07	74.94
11 years	74.89	69.17	56.37	78.57
12 years	79.20	73.23	60.04	82.08
13 years	82.26	76.32	63.27	84.72
14 years	84.39	78.67	66.01	86.86
15 years	86.31	81.04	68.82	88.87
16 years	88.47	83.87	71.94	90.79
17 years	90.31	86.36	74.78	92.42
18 years	91.81	88.16	77.12	94.03
19 years	93.03	89.73	79.21	95.71
20 years	94.20	91.24	81.17	96.87
21 years	95.21	92.52	82.80	97.58
22 years	96.04	93.45	84.18	98.06
23 years	96.83	94.42	85.51	98.44
24 years	97.59	95.40	87.06	98.76
25 years	98.15	96.27	88.48	98.99
All years	100.00	100.00	100.00	100.00

a/ Percents derived from a file status report as of March 31, 1989.

Department of Motor Vehicles
Research and Development Section
(916) 739-5828

TABLE I-4

ESTIMATED FEES PAID VEHICLE REGISTRATIONS BY COUNTY AS OF DECEMBER 31, 1988

County	Autos	Trucks	Trailers	Motorcycles	Total
Alameda	722,118	183,101	69,991	29,376	1,004,586
Alpine	608	298	119	35	1,060
Amador	16,573	9,786	4,332	998	31,689
Butte	98,518	43,025	24,394	5,552	171,489
Calavaras	18,898	11,021	5,508	1,070	36,497
Colusa	8,726	6,039	3,208	333	18,306
Contra Costa	490,000	117,529	50,608	20,080	678,217
Del Norte	10,105	5,271	2,880	415	18,671
El Dorado	73,547	33,224	15,377	3,669	125,817
Fresno	297,739	129,651	52,707	12,522	492,619
Glenn	13,288	8,412	5,095	622	27,417
Humboldt	62,748	32,195	14,966	3,178	113,087
Imperial	57,368	25,915	10,470	1,843	95,596
Inyo	11,045	6,703	3,642	838	22,228
Kern	249,021	120,079	51,549	14,133	434,782
Kings	40,933	18,844	7,536	2,272	69,585
Lake	31,255	15,070	9,785	1,977	58,087
Lassen	12,337	8,026	4,478	852	25,693
Los Angeles	4,778,960	1,053,756	312,381	159,905	6,305,002
Madera	41,677	22,518	10,455	2,052	76,702
Marin	163,973	32,143	10,313	6,716	213,145
Mariposa	8,591	5,055	2,471	596	16,713
Mendocino	43,497	24,559	10,034	2,678	80,768
Merced	81,501	36,574	15,368	3,517	136,960
Modoc	4,437	3,670	1,900	209	10,216
Mono	5,499	3,085	1,540	393	10,517
Monterey	189,234	55,320	19,304	6,351	270,209
Napa	63,699	23,656	11,618	3,186	102,159
Nevada	49,454	22,959	11,291	2,683	86,387
Orange	1,467,041	331,313	105,736	54,681	1,958,771
Placer	102,216	43,142	21,585	5,069	172,012
Plumas	11,930	7,125	4,067	749	23,871
Riverside	532,107	187,444	78,582	23,351	821,484
Sacramento	552,402	164,196	118,197	22,181	856,976
San Benito	17,964	8,562	3,269	746	30,541
San Bernardino	664,598	240,738	93,420	32,376	1,031,132
San Diego	1,347,917	357,920	105,944	53,557	1,865,338
San Francisco	334,817	75,052	31,844	17,332	459,045
San Joaquin	233,134	90,776	45,230	9,719	378,859
San Luis Obispo	120,169	47,579	21,731	6,579	196,058
San Mateo	471,752	95,262	45,562	15,008	627,584
Santa Barbara	220,013	64,895	21,912	11,181	318,001
Santa Clara	946,349	211,015	73,416	36,212	1,266,992
Santa Cruz	141,809	45,258	14,266	6,991	208,324
Shasta	81,143	42,733	27,060	3,994	154,930
Sierra	1,887	1,234	580	112	3,813
Siskiyou	24,141	15,970	8,325	1,256	49,692
Solano	172,265	51,356	21,418	8,182	253,221
Sonoma	222,223	81,292	33,501	9,900	346,916
Stanislaus	184,317	77,633	37,855	8,251	308,056
Sutter	34,426	16,231	8,293	1,534	60,484
Tehama	24,881	14,717	8,601	1,377	49,576
Trinity	7,213	4,703	2,900	601	15,417
Tulare	139,692	68,389	28,294	7,527	243,902
Tuolumne	27,386	14,630	7,326	1,577	50,919

TABLE J-4 (Continued)

ESTIMATED FEES PAID VEHICLE REGISTRATIONS BY COUNTY AS OF DECEMBER 31, 1988

County	Autos	Trucks	Trailers	Motorcycles	Total
Ventura	394,905	113,108	37,170	18,294	563,477
Yolo	70,325	33,011	25,801	3,133	132,270
Yuba	29,520	13,524	6,919	1,550	51,513
Out of State	114,139	44,237	47,697	2,482	208,555
IRP ID/prorate vehicles a/	---	439,989	459,727	---	899,716
Total fee paid registrations	16,338,030	5,060,518	2,289,548	653,553	24,341,649
Fee exempt registrations	141,268	168,326	35,366	11,266	356,226
Total	16,479,298	5,228,844	2,324,914	664,819	24,697,875

a/ Vehicles based in other states which pay fees to operate in California.

Department of Motor Vehicles
Research and Development Section
(916) 739-5828

TABLE J-5

REGISTRATION OF MOTOR VEHICLES AND TRAILERS WHICH PAID FEES BY TYPE OF VEHICLE, 1970 TO 1988

Year	Passenger vehicles	Commercial vehicles	Trailers and semi-trailers b/	Motor-cycles	New fee paid automobile registrations a/
1970	10,004,155	1,758,685	1,299,716	561,621	873,862
1971	10,375,354	1,835,260	1,418,022	608,180	1,004,373
1972	10,744,981	1,946,649	1,537,201	611,580	1,076,433
1973	11,141,520	2,107,998	1,638,966	624,695	1,167,269
1974	11,061,869	2,454,856	1,751,824	665,273	830,532
1975	11,119,563	2,588,025	1,789,859	661,231	807,983
1976	11,397,001	2,690,495	1,867,673	660,977	916,875
1977	11,883,719	2,892,616	1,967,479	671,644	1,123,042
1978	12,319,392	3,083,028	2,102,224	655,950	1,184,577
1979	12,612,177	3,254,970	2,182,794	713,820	1,127,147
1980	13,161,470	3,435,732	2,209,203	737,774	960,708
1981	13,095,045	3,404,991	1,794,002	731,310	920,149
1982	13,292,130	3,512,284	1,742,781	678,174	851,809
1983	13,803,673	3,706,832	1,726,635	695,813	1,031,673
1984	13,961,551	3,847,202	1,775,168	695,251	1,188,419
1985	14,584,092	4,359,108	2,086,014	702,782	1,268,036
1986	15,213,447	4,545,444	2,126,383	699,239	1,423,722
1987	15,559,586	4,712,921	2,178,635	674,742	1,432,378
1988	16,338,030	5,060,518	2,289,548	653,553	1,461,173

a/ Vehicles registered for the first time regardless of age.
b/ Including trailer coaches.

Department of Motor Vehicles
Research and Development Section
(916) 739-5828

TABLE I-6

FUEL DISTRIBUTIONS IN CALIFORNIA
TAXABLE GALLONS DISTRIBUTED 1970 TO 1988
(In thousands)

Year	Gross taxable motor vehicle fuel a/	Gasahol b/	Refund c/	Net taxable motor vehicle fuel	Taxable jet fuel d/	Taxable diesel fuel e/
1970	9,106,062		200,561	8,905,501	13,898	586,077
1971	9,400,972		192,555	9,208,417	12,376	647,339
1972	10,040,177		208,979	9,831,198	16,364	700,706
1973	10,356,068		234,032	10,122,036	19,061	776,264
1974	9,906,222		205,369	9,700,853	19,853	760,662
1975	10,237,380		211,285	10,026,095	21,120	779,283
1976	10,756,388		221,077	10,535,311	25,210	867,350
1977	11,328,008		240,830	11,087,178	32,879	910,385
1978	11,877,558		294,094	11,583,464	36,353	1,073,207
1979	11,539,624		309,925	11,229,699	53,091	1,162,607
1980	11,227,774		343,645	10,884,129	46,526	1,154,177
1981	11,129,697	147,796	367,116	10,762,581	40,728	1,236,781
1982	10,969,832 f/	464,004	316,943	10,652,889	39,281	1,234,898
1983	11,145,788	480,850	173,762	10,972,026	38,989	1,291,167
1984	11,518,148	401,838	161,509	11,356,639	42,032	1,446,712
1985	11,739,485	228,017	134,755	11,604,730	38,930	1,498,164
1986	12,272,014	189,047	145,557	12,126,457	42,837	1,593,662
1987	12,674,816	252,703	202,540	12,472,276	44,382	1,730,682
1988	13,019,044	489,237	151,661	12,867,383	49,929	1,782,724

a/ Includes all gasoline on which State excise tax was paid ($.07/gallon through December 1982; $.09/gallon effective January 1, 1983).
b/ Included in Gross Taxable Motor Vehicle Fuel. Not separately identified until 1981.
c/ Refunds for nonhighway use by contractors, agriculture, the United States Government, etc.
d/ Fuel on which State excise tax of $.02/gallon was paid; excludes fuel used by commercial airlines (common carriers) or the United States Government.
e/ Includes a negligible amount of compressed natural gas through 1982.
f/ Includes 60,949,000 gallons exported after tax was paid; gallonage cannot be identified for prior years.

Board of Equalization
Research and Statistics Division
(916) 445-0840

TABLE I-7

MOTOR VEHICLE LICENSED DRIVERS AND DRIVERS INVOLVED IN ACCIDENTS BY AGE GROUP, CALIFORNIA, 1988 a/

	Licensed		Fatal		Injury	
	Number	Percent a/	Number	Percent	Number	Percent
Total	18,934,100	100.0	7,294	100.0	417,279	100.0
0-14 years	--	-	14	0.2	552	0.1
15-19 years	882,700	4.7	786	11.3	51,301	13.0
20-24 years	2,015,700	10.6	1,272	18.3	71,910	18.2
25-34 years	5,146,600	27.2	2,082	29.9	116,990	29.7
35-44 years	4,180,700	22.1	1,217	17.5	70,417	17.9
45-54 years	2,588,500	13.7	590	8.5	35,766	9.1
55-64 years	1,999,700	10.5	466	6.7	24,226	6.1
65 and over	2,120,200	11.2	526	7.6	23,191	5.9
Not stated	--	-	341	-	22,926	-

a/ Percents are based on drivers by age group and do not include 'Not stated'.

Department of California Highway Patrol
Management Information Section
(916) 322-8256

TABLE J-8

NUMBER OF MOTOR VEHICLE TRAFFIC ACCIDENTS AND PERSONS KILLED AND INJURED, CALIFORNIA, 1988

Accident by type of involvement	Fatal and injury accidents	Victims	
		Killed	Injured
Total	240,350	5,381	356,945
Pedestrian	16,472	1,019	16,745
Other motor vehicle	149,978	2,078	246,640
Motor vehicle on other road	1,103	20	1,840
Parked motor vehicle	8,077	130	10,167
Train	141	30	166
Bicyclists	14,200	133	14,712
Animal	426	10	533
Fixed object	33,715	1,353	44,840
Other object	1,932	69	2,513
Non-collision	14,288	539	18,760
Other	18	--	29

TABLE J-9

MOTOR VEHICLE ACCIDENT VICTIMS BY AGE AND SEX, CALIFORNIA, 1988

Age group	Killed			Injured		
	Total	Male	Female	Total	Male	Female
Total	5,381	3,914	1,467	356,945	195,565	161,380
0-4 years	146	76	70	8,169	4,529	3,640
5-9 years	133	85	48	12,983	7,353	5,630
10-14 years	106	79	27	14,622	8,020	6,602
15-19 years	628	457	171	55,881	31,050	24,831
20-24 years	858	695	163	61,882	37,236	24,646
25-34 years	1,228	972	256	88,449	50,476	37,973
35-44 years	717	529	188	49,594	25,512	24,082
45-54 years	373	265	108	25,301	12,432	12,869
55-64 years	365	231	134	17,382	8,276	9,106
65 and over	692	422	270	18,291	8,256	10,035
Not stated	135	103	32	4,391	2,425	1,966

TABLE J-10

MOTOR VEHICLE ACCIDENTS AND VICTIMS BY LOCATION OF ACCIDENT, CALIFORNIA, 1988

City size	Number of accidents			Number of victims		
	Total	Fatal	Injury	Total	Killed	Injury
Total	240,350	4,859	235,491	362,326	5,381	356,945
Cities below 2,500 pop.	873	23	850	1,321	24	1,297
2,500 to 10,000	4,081	67	4,014	5,854	70	5,784
10,000 to 25,000	12,098	193	11,905	17,538	208	17,330
25,000 to 50,000	26,692	379	26,313	38,457	410	38,047
50,000 to 100,000	38,558	469	38,089	56,400	511	55,889
100,000 to 250,000	29,065	380	28,685	42,346	408	41,938
250,000 and over	70,729	1,008	69,721	108,601	1,073	107,528
Unincorporated area	58,254	2,340	55,914	91,809	2,677	89,132

Source agency for tables J8, J9 and J10:
Department of the California Highway Patrol
Management Information Section
(916) 322-8256

TABLE J-11

PRODUCTION OF ELECTRICAL ENERGY BY CALIFORNIA UTILITIES, 1982 TO 1988

(Millions of kilowatt-hours)

	1982	1983	1984	1985	1986	1987	1988
Total generation	137,524	139,200	143,576	143,267	145,377	153,664	151,385
Hydro	51,379	60,065	47,560	34,511	45,995	27,535	25,252
Coal	16,965	17,001	18,079	14,112	17,588	17,543	19,243
Natural gas	50,763	42,211	53,600	63,074	40,086	61,767	52,527
Steam	47,455	41,170	52,577	61,368	38,893	60,495	50,637
Int. combustion	783	--	--	1	3	4	18
Combustion turbine	539	48	45	56	649	81	94
Combined cycle	1,986	993	978	1,649	541	1,187	1,778
Heavy oil	9,306	6,253	2,195	2,467	2,739	1,948	7,576
Mid. distillate	132	84	104	134	222	167	118
Steam	--	--	--	--	72	5	54
Int. combustion	13	16	17	17	25	32	21
Combustion turbine	106	67	73	65	103	127	41
Combined cycle	13	1	14	52	22	3	2
Nuclear	3,855	6,736	13,465	18,911	28,001	32,995	35,480
Geothermal	4,843	6,118	7,669	9,282	10,139	11,138	10,212
Other (includes cogeneration)	281	731	904	775	607	571	977

Note: Detail may not add to total due to rounding.

California Energy Commission, (916) 324-3140

TABLE J-12

REPRESENTATIVE UTILITY BILLS GAS, ELECTRIC AND TELEPHONE, CALIFORNIA, JANUARY 1, 1989

City	Gas a/ Residential 70 Therms per month	Electric a/ Domestic 500 Kwh per month	Telephones d/ Residential Access Lines e/	Residential Flat Rate 1-Part	Residential Message Rate /f 1-Party	Business Access Lines e/	Business Message Rate 1-Party	Total Access Lines h/
Bakersfield b/	$30.77 b1/ 32.09 b2/	$48.55	107,380	$8.35	$4.45($3)	41,738	$8.95 8.35 g/	151,368
Fresno	29.15	47.58	141,706	8.35	4.45($3)	62,768	9.75	206,959
Long Beach	31.92 c/	40.46	83,855	9.75	5.25($3)	40,296	9.10	129,370
Los Angeles (Central)	32.09	39.59 c/	708,357	8.35	4.45($3)	476,275	8.35	1,206,374
Oakland (East Bay)	30.77	51.72	288,740	8.35	4.45($3)	153,603	8.35	449,533
Redding	29.15	25.65 c/	32,504	8.65	4.75($3)	13,797	12.15	46,984
Sacramento	29.15	32.61 c/	285,336	8.35	4.45($3)	182,596	8.35	472,800
San Diego	39.23	49.56	253,836	8.35	4.45($3)	171,337	8.35	431,971
San Francisco	30.77	51.72	371,843	8.35	4.45($3)	332,328	8.35	714,205
San Jose	29.15	48.13	329,961	8.35	4.45($3)	208,777	8.35	545,474
Stockton	29.15	47.58	86,938	8.35	4.45($3)	35,605	8.35	124,253

a/ Privately owned utilities calculated using appropriate Baseline allowance for each utility and zone. Bills are based on total effective rates including balancing account adjustment factors and CPUC Reimbursement Fee.

b/ Served by two gas utilities: b1/--PG&E, b2/--Southern California Gas. c/ Publicly owned utility.

d/ Data relate to an exchange with the same name as the city listed. Boundaries may exclude parts of the city and include parts of other areas. A surcharge of -4.611% is applied to Pacific's basic billing; the Long Beach (General Telephone) surcharge is 0.13%. Rates include 0.3% surcharge for communication devices for the deaf effective 7/1/89, universal service charge of 4.0%, EUCLC charge ($3.50/mo. per residential line effective 4/1/89), and 0.1% to help fund the CPUC.

e/ Residential and Business Access lines include flat and measured service, PBX trunks and multiparty service.

f/ Figures in parentheses indicate usage allowance. g/ North District Area.

h/ Total access lines include all Residential and Business Access lines plus WATS and Feature Group A.

Public Utilities Commission
Commission Advisory and Compliance Division
(415) 557-2077

SECTION K

TRADE AND SERVICES

This section presents information on wholesale and retail trade in California as these are reflected in the Census of Business and taxable sales data, and on services as reflected by census data, and the licensing activities of the State agencies which examine and license professional and vocational personnel and establishments.

Additional information is available from the final census reports for the State, issued by the U.S. Department of Commerce, Bureau of the Census and the State Board of Equalization.

TABLE K-1

SELECTED STATISTICS ON WHOLESALE TRADE, BY TYPE OF BUSINESS, 1982

(Dollar amounts in thousands)

SIC Code	Selected kinds of business	Total			Merchant wholesalers	
		Number of Establishments	Sales	Payroll entire year	Number of Establishments	Sales
	Wholesale trade, total	43,278	$217,710,980	$11,365,072	34,832	$128,649,626
	Durable Goods					
50	Total c/	27,700	112,073,164	7,056,618	22,585	69,598,955
501	Motor vehicles and automotive parts and supplies	3,592	32,146,880	859,309	3,288	23,290,396
502	Furniture and home furnishings	1,787	4,145,363	314,328	1,368	2,309,532
504	Sporting, recreational, photographic and hobby goods, toys, and supplies	1,085	4,447,727	286,514	918	2,522,801
505	Metals and minerals, except petroleum	984	9,035,922	333,209	774	5,606,012
	Nondurable Goods					
51	Total c/	15,578	105,637,816	4,308,454	12,247	59,050,671
513	Apparel, piece goods, and notions	1,923	5,670,212	310,137	1,435	2,963,664
514	Groceries and related products	4,764	37,555,318	1,665,742	3,618	21,945,086
515	Farm-product raw materials	352	4,857,780	68,321	273	3,686,598
517	Petroleum and petroleum products	981	23,043,944	246,288	692	9,330,803

SIC Code	Selected kinds of business	Other operating types a/		Percentage change, 1977–1982 b/ Total	
		Number of Establishments	Sales	Sales	Payroll entire year
	Wholesale trade, total	8,446	$89,061,354	69.3	79.4
	Durable Goods				
50	Total c/	6,750	42,474,209	62.1	85.6
501	Motor vehicles and automotive parts and supplies	304	8,856,484	61.8	62.0
502	Furniture and home furnishings	419	1,835,831	48.1	69.5
504	Sporting, recreational, photographic and hobby goods, toys, and supplies	167	1,924,926	66.1	69.9
505	Metals and minerals, except petroleum	210	3,429,910	22.3	62.4
	Nondurable Goods				
51	Total c/	3,331	46,587,145	77.6	70.2
513	Apparel, piece goods, and notions	488	2,706,548	64.2	86.9
514	Groceries and related products	1,146	15,610,232	63.4	66.7
515	Farm-product raw materials	79	1,171,182	46.4	61.8
517	Petroleum and petroleum products	289	13,713,141	123.7	47.6

a/ Includes merchandise agents and brokers, and manufacturers' sales branches and sales offices.

b/ Percentage change may be affected by the shifting of some establishments from retail to wholesale because of classification rule changes in the lumber; paint, glass, and wallpaper; electrical supply; farm equipment and sup hay, grain and feed; and plumbing, heating and air-conditioning kinds of business.

c/ Not all kind-of-business classifications are shown separately. Detail will not add to the total.

Source: U.S. Department of Commerce, Bureau of the Census.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE K-2

SELECTED STATISTICS ON RETAIL TRADE, BY TYPE OF BUSINESS, 1987 a/

(Dollar amounts in thousands)

1972 SIC Code	Kind of business b/	Number of Establish-ments c/	Sales	Payroll, entire year	Number of paid employees for week including March 12	Percent change 1982-1987 Sales	Percent change 1982-1987 Payroll, entire year
	Retail trade, total						
	Incl. used auto parts and accessories stores	157,808	179,810,180	22,733,714	2,022,218	48.9	47.0
	Excl. used auto parts and accessories stores d/	157,760	179,801,438	22,731,730	2,022,068	49.1	47.3
52	Building materials, hardware, garden supply, and mobilehome dealers, total	6,170	9,058,773	1,097,159	71,596	73.8	55.9
521	Lumber and other building materials dealers	2,285	6,033,734	668,666	41,354	97.0	73.4
525	Hardware stores	1,412	1,187,985	177,512	13,679	22.7	19.8
53	General merchandise group stores, total	2,310	21,499,870	2,248,384	199,063	50.0	33.3
531	Department stores (excl. leased depts) e/f/	825	16,315,858	1,913,267	168,942	28.3	27.1
533	Variety stores	662	584,789	78,775	9,685	13.1	3.5
539	Miscellaneous general merchandise stores	823	4,599.223	256,342	20,436	317.5	143.5
54	Food stores, total	19,200	36,494,918	4,132,871	287,648	31.8	34.3
541	Grocery stores	11,529	33,972,012	3,700,742	236,661	31.8	34.0
5422,3	Meat and fish (seafood) markets	1,195	652,892	70,575	6,374	14.8	9.7
546	Retail bakeries	3,765	810,884	221,954	28,594	43.9	42.4
543,4,5,9	Other food stores	2,711	1,059,130	139,600	16,019	34.3	46.3
55 ex. 554	Automotive dealers, total	9,856	38,893,585	3,808,203	158,055	81.7	74.0
551	Motor vehicle dealers--new and used cars	2,283	32,313,170	2,946,879	105,509	91.2	88.4
552	Motor vehicle dealers--used cars only	921	864,409	69,603	4,207	59.3	60.4
553 pt.	Tire, battery, and accessory dealers	4,962	3,446,241	568,708	35,532	32.3	30.1
554	Gasoline service stations, total	9,812	10,742,275	654,279	71,074	2.0	26.4
56	Apparel and accessory stores, total	16,134	9,597,700	1,221,686	131,080	61.3	49.4
561	Mens', boys' clothing stores	1,768	1,098,537	173,195	13,087	15.1	13.1
562	Women's clothing stores	5,849	2,883,287	363,688	45,875	48.6	40.3
565	Family clothing stores	1,785	3,084,164	349,982	35,844	148.1	133.3
566	Shoe stores	4,060	1,685,248	218,387	21,771	28.9	19.2
57	Furniture,home furnishings and equipment stores, total	12,417	10,446,777	1,315,306	86,611	76.6	67.7
571	Furniture and home furnishings stores	7,216	5,280,896	760,462	47,065	71.2	67.1
572	Household appliance stores	987	1,037,478	106,488	6,455	58.0	45.2
573	Radio, television, computer and music stores	4,214	4,128,403	448,356	33,091	90.0	75.3
58	Eating and drinking places, total	45,910	19,989,156	5,205,526	759,634	49.0	48.6
5812	Eating places	40,701	18,926,195	4,960,236	724,294	51.1	50.5
5813	Drinking places (alcoholic beverages)	5,209	1,062,961	245,290	35,340	19.1	18.5
591	Drug stores and proprietary stores, total	4,462	7,319,546	893,823	59,311	42.3	35.1
591 pt.	Drug stores	4,254	7,215,982	881,111	58,250	43.9	36.9
59 ex. 591	Miscellaneous retail stores, total g/	31,537	15,767,580	2,156,477	198,146	41.2	41.1
592	Liquor stores	4,179	2,065,628	169,001	19,644	-8.1	-6.2
594	Miscellaneous shopping goods stores	14,388	7,207,480	938,050	96,104	53.2	39.8
5941	Sporting goods stores and bicycle shops	2,506	1,550,983	176,782	17,817	62.5	46.0
5942	Book stores	1,399	817,578	97,159	11,943	75.8	53.1
5944	Jewelry stores	3,217	1,586,666	267,330	18,375	39.5	36.9
596	Nonstore retailers h/	2,533	3,022,319	423,728	28,568	64.0	54.6
598	Fuel and ice dealers	457	402,878	57,499	3,207	5.0	57.8
5992	Florists	2,738	560,165	114,110	13,973	56.0	54.5

a/ Based on 1972 Standard Industrial Classification codes for comparison purposes.
b/ All kind-of-business classifications are not shown separately; therefore, the detail will not add to the total.
c/ Establishments with payroll. d/ Excludes used auto parts and accessories stores classified in 1972 SIC 593, (incl. in 1987 SIC 5015 pt.) e/ Includes sales from catalog order desks. f/ 25 employees or more. g/ Includes used auto parts and accessories stores.
h/ Nonstore retailers are establishments primarily engaged in the retail sale of merchandise by catalog and mail order; by means of automatic vending machines; by house-to-house canvases; or from a truck or wagon.

Source: U.S. Deparment of Commerce, Bureau of the Census.

TABLE K-3

TAXABLE SALES IN CALIFORNIA, 1970 TO 1988
(In millions)

Year	Taxable sales	Taxable retail sales
1970	$43,223.3	$28,698.7
1971	46,851.4	31,496.2
1972	53,713.9	36,517.5
1973	61,737.9	42,119.3
1974	68,070.8	45,797.3
1975	73,475.7	49,799.9
1976	83,822.0	57,343.3
1977	99,482.0	67,491.3
1978	113,467.7	76,365.5
1979	131,678.3	87,270.5
1980	142,759.2	94,210.9
1981	155,126.6	101,665.8
1982	154,553.3	102,008.8
1983	169,413.1	113,349.9
1984	194,013.6	126,736.1
1985	208,574.1	135,901.5
1986	217,465.2	141,879.6
1987	231,869.7	150,252.0
1988	251,078.1	162,516.8

Source: Board of Equalization

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE K-4

FOREIGN TRADE THROUGH CALIFORNIA PORTS, 1970 TO 1987
(In millions)

Year	Exports	Imports	Total
1970	$4,245	$4,408	$8,653
1971	3,690	4,896	8,586
1972	4,153	6,509	10,662
1973	6,647	8,607	15,254
1974	9,793	13,140	22,933
1975	10,340	11,715	22,055
1976	11,525	15,300	26,825
1977	12,186	19,113	31,299
1978	14,934	21,496	36,430
1979	20,303	24,929	45,232
1980	26,974	29,414	56,388
1981	29,990	31,690	61,680
1982	29,120	32,583	61,703
1983	29,380	37,944	67,324
1984	32,204	49,270	81,474
1985	32,396	61,606	94,002
1986	32,838	69,875	102,713
1987	39,663	78,478	118,141

a/ Data reflect value of trade through California customs districts and not value of exported goods originating in California or imported goods destined for Califor

California Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE K-5

APPARENT CONSUMPTIONa/ OF ALCOHOLIC BEVERAGES IN CALIFORNIA, 1987 AND 1988
(In thousands of gallons)

Type of beverage	Apparent consumption 1987	1988
Beer	662,484	662,221
Wines	125,728	117,030
Still wines:		
14% alcohol or less	106,319	98,765
Over 14% alcohol	9,158	8,566
Champagne and sparkling wines	10,251	9,698
Distilled spirits	49,516	48,176

a/ The figures in this table represent taxable distributions. Because tax liability occurs at the time alcoholic beverages are sold by manufacturers or importers rather than at the time a retail sale is made, the data are referred to as apparent, rather than actual, consumption.

Board of Equalization
Research and Statistics Division
(916) 445-0840

TABLE K-6

TAXABLE SALES IN CALIFORNIA BY TYPE OF BUSINESS, 1988

(Sales in thousands)

Type of business	Permits 7-1-88 a/	Taxable transactions b/
Total, all outlets	880,216	$251,078,129
Retail stores, total	281,218	$162,516,803
Women's apparel	10,962	$2,800,107
Men's apparel	2,832	1,155,974
Family apparel	6,704	2,959,239
Shoes	4,702	1,760,915
Apparel stores group	25,200	8,676,235
Limited-price variety	934	677,543
Department and dry goods	3,400	21,077,749
Drug stores	4,494	4,287,588
Other general merchandise	1,838	1,195,085
General merchandise stores	10,666	27,237,965
Gifts, art goods, and novelties	8,686	1,137,525
Sporting goods	5,215	1,933,926
Florists	4,552	615,239
Photographic equipment and supplies	1,091	476,490
Musical instruments	2,884	1,468,034
Stationery and books	6,786	2,482,923
Jewelry	6,392	1,420,232
Office, store, and school supplies	6,478	4,817,010
Other, specialties	38,526	5,918,380
Speciality stores group	80,610	20,269,759
Food stores selling all types of liquor	4,628	9,083,941
All other food stores	18,543	3,920,801
Packaged liquor stores	5,589	2,027,002
Eating places: no alcoholic beverages	31,843	8,500,804
Eating places: beer and wine	19,964	5,117,575
Eating and drinking: all types of liquor	11,111	7,301,197
Eating and drinking group	62,918	20,919,576
Household and home furnishings	17,112	5,066,519
Household appliance dealers	4,358	3,324,388
Second-hand merchandise	4,090	298,840
Farm implement dealers	1,213	1,562,903
Farm and garden supply stores	3,537	1,359,211
Fuel and ice dealers	798	301,202
Lumber and building materials	4,279	8,562,878
Hardware stores	2,288	1,560,446
Plumbing and electrical supplies	1,501	1,575,888
Paint, glass, and wallpaper	1,982	970,414
Building material group	10,050	12,669,626
New motor vehicle dealers	2,636	25,342,471
Used motor vehicle dealers	4,714	1,795,874
Automotive supplies and parts	8,833	3,275,235
Service stations	11,988	13,132,826
Mobile homes, trailers, and campers	1,228	972,068
Boat, motorcycle, and plane dealers	2,507	1,280,361
Automotive group	31,906	45,798,835
Business and personal services	103,748	11,573,929
All other outlets	495,250	76,987,397

a/ Includes all manufacturers, wholesalers, and retailers of tangible personal except those dealing solely in commodities (such as cereal products) which are exempt from the retail sales tax.

b/ Excludes tax-exempt retail sales comprised principally of sales of food for home consumption and prescription medicines.

Source agency for tables K6 and K7
Board of Equalization
Research and Statistics Division, (916) 445-0840

TABLE K-7

TAXABLE SALES BY COUNTY, 1988

(In thousands)

County	Total	Retail
Total a/	$249,755,187	$162,276,515
Alameda	$11,776,236	$7,179,927
Alpine	17,875	1,955
Amador	159,622	115,059
Butte	1,159,824	907,966
Calaveras	160,254	90,196
Colusa	151,861	68,012
Contra Costa	6,363,590	4,577,933
Del Norte	108,799	66,273
El Dorado	698,104	546,126
Fresno	4,712,690	3,397,005
Glenn	159,836	83,561
Humboldt	820,817	601,348
Imperial	807,818	509,654
Inyo	193,539	120,963
Kern	4,178,763	2,621,689
Kings	515,751	372,193
Lake	254,515	178,024
Lassen	137,643	85,389
Los Angeles	72,246,949	46,820,253
Madera	444,274	274,872
Marin	2,143,147	1,627,357
Mariposa	86,533	29,512
Mendocino	522,640	398,234
Merced	877,093	639,809
Modoc	45,628	32,545
Mono	105,096	70,280
Monterey	2,516,964	1,831,055
Napa	803,584	546,131
Nevada	464,276	326,847
Orange	25,408,701	16,105,905
Placer	1,403,273	1,053,699
Plumas	102,957	71,571
Riverside	7,549,881	5,486,787
Sacramento	8,705,884	5,995,013
San Benito	213,334	108,000
San Bernardino	9,537,717	6,720,916
San Diego	19,381,882	13,734,895
San Francisco	7,826,077	4,729,366
San Joaquin	3,252,697	2,265,993
San Luis Obispo	1,549,139	1,101,202
San Mateo	7,193,625	4,521,332
Santa Barbara	2,756,533	2,031,968
Santa Clara	16,020,882	9,578,066
Santa Cruz	1,604,814	1,208,850
Shasta	1,145,321	833,537
Sierra	11,903	6,546
Siskiyou	261,695	178,584
Solano	1,937,401	1,468,901
Sonoma	3,126,291	2,202,469
Stanislaus	2,655,302	1,912,828
Sutter	436,047	327,386
Tehama	264,341	192,466
Trinity	46,011	32,485
Tulare	1,793,916	1,267,511
Tuolumne	281,442	208,778
Ventura	5,012,955	3,658,859
Yolo	1,101,933	686,498
Yuba	265,110	199,720
Statewide	6,274,402	266,216

a/ Total does not match those shown in tables K-3 and K-6, which were adjusted for late returns.

TABLE K-8

VALUE OF EXPORTS AND IMPORTS THROUGH CALIFORNIA PORTS, BY ALL MODES OF TRANSPORTATION, 1983 TO 1988

(In millions)

Customs District	1983	1984	1985	1986	1987	1988
Exports a/						
California	$29,379.5	$32,203.5	$32,395.6	$32,838.3	$39,645.8	$53,567.7
San Francisco c/	11,314.2	12,374.2	11,305.3	11,443.9	14,274.5	19,079.9
Los Angeles d/	17,139.4	18,413.6	19,474.9	19,855.6	23,668.0	31,962.5
San Diego e/	925.9	1,415.7	1,615.4	1,538.8	1,703.3	2,525.3
Imports b/						
California	$37,943.7	$49,270.3	$61,605.9	$69,868.4	$78,329.7	$86,600.5
San Francisco c/	11,277.8	16,428.0	15,455.1	18,980.3	21,761.1	25,062.0
Los Angeles d/	25,454.2	31,226.4	44,305.9	48,667.8	53,886.8	58,082.1
San Diego e/	1,211.7	1,615.9	1,844.9	2,220.3	2,681.8	3,456.4

a/ f.a.s. Value Basis b/ Custom Value Basis
c/ Customs district extends from northern California border south to Monterey Bay, and east to Salt Lake City.
d/ Customs district extends from south of Monterey Bay to Carpinteria and east to Las Vegas.
e/ Customs district extends from San Diego east to Phoenix.

Source: U.S. Department of Commerce, Highlights of U.S. Export and Import Trade (FT 990), December.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE K-9

VALUE OF AIRBORNE EXPORT AND IMPORT SHIPMENTS IN FOREIGN TRADE BY CUSTOMS DISTRICT, CALIFORNIA, 1983 TO 1988

(In millions)

Customs district	1983	1984	1985	1986	1987	1988
Exports a/						
California	$12,715.6	$14,482.7	$15,136.8	$16,711.1	$19,613.7	$25,959.7
San Francisco	4,512.3	5,641.7	5,267.9	6,018.3	7,759.9	11,164.4
Los Angeles	8,203.3	8,841.0	9,862.7	10,684.7	11,844.9	14,787.5
San Diego	c/	c/	6.2	8.1	8.9	7.8
Imports b/						
California	$9,652.4	$14,447.4	$12,501.8	$15,538.8	$18,113.1	$22,553.3
San Francisco	4,746.9	7,566.9	6,166.1	7,311.0	8,982.0	11,663.6
Los Angeles	4,904.7	6,878.3	6,332.6	8,224.3	9,127.3	10,884.9
San Diego	0.8	2.2	3.1	3.5	3.8	4.8

a/ f.a.s. Value Basis.
b/ Custom Value Basis.
c/ Less than $0.5 million.

Source: U.S. Department of Commerce, Highlights of U.S. Export and Import Trade (FT 990), December.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE K-10

LICENSED PROFESSIONAL AND VOCATIONAL PERSONNEL CALIFORNIA, 1988

Classification	Total a/
Accountants	52,560
Animal health technicians	3,178
Architects	19,037
Athletic commission (boxers, etc.)	1,521
Automotive repair	67,712
Biennial vehicle inspection program	55,659
Barbers	31,751
Behavioral science	35,606
Cemeteries	2,097
Collection agencies	7,838
Contractors	265,621
Cosmetology	281,666
Dentists	28,177
Dental assistants	43,964
Electronic and appliance repair	8,980
Funeral directors and embalmers	4,485
Geologists and geophysicists	6,168
Guide dogs for the blind	49
Home furnishing	21,030
Landscape architects	2,126
Medical professions:	
Physicians and surgeons	119,803
Acupuncture	4,076
Hearing aid dispensers	6,392
Physical therapists	13,712
Physicians' assistants	7,696
Podiatrists	3,632
Psychologists	13,178
Registered dispensing opticians	3,632
Respiratory therapists	11,922
Speech pathologists/audiologists	9,293
Nursing home administrators	3,317
Optometry	6,821
Personnel agencies	2,012
Pharmacy	29,473
Polygraph examiners	1,383
Private investigators	186,171
Professional engineers	122,605
Nurses:	
Registered	239,907
Vocational	124,456
Psychiatric technicians	25,539
Shorthand reporters	7,477
Structural pest control	9,976
Tax preparers program	39,507
Veterinarians	14,266

a/ Includes all licensing categories.

Department of Consumer Affairs
Division of Administration
(916) 322-5255

SECTION L

BANKING AND FINANCE

This section presents bank and savings and loan association statistics.

The bank statistics were supplied by the Federal Deposit Insurance Corporation. The savings and loan statistics were made available by the Federal Home Loan Bank of San Francisco. Additional data may be obtained from these sources.

The State Superintendent of Banks issues an annual report on the financial condition of State Banks.

TABLE L-1

SELECTED BALANCE SHEET ITEMS FOR INSURED COMMERCIAL BANKS IN CALIFORNIA AS OF YEAR END 1985 TO 1988 a/c/

(In thousands)

	1985	1986	1987	1988
State Banks:				
Total Deposits	$70,588,826	$80,536,876	$79,177,695	$81,600,687
Demand (Domestic)	21,312,210	27,387,704	22,222,987	24,027,817
Time (Domestic)	23,655,094	22,136,395	24,188,446	25,319,383
Savings (Domestic)	21,817,477	27,480,038	28,171,015	28,804,985
NOW Accounts b/ (Domestic)	1,706,739	5,955,367	6,705,857	7,030,606
Foreign Deposits	3,804,045	3,532,739	4,595,247	3,448,502
Total Assets	83,866,113	94,340,543	93,586,335	97,634,793
Total Loans and Leases	55,676,466	61,235,597	62,773,444	63,357,054
Total Loans	$54,131,624	$59,646,136	$61,108,961	$61,564,439
National Banks:				
Total Deposits	$169,633,104	$160,614,740	$153,922,250	$162,156,818
Demand (Domestic)	33,139,115	38,976,817	33,454,317	36,032,055
Time (Domestic)	46,667,630	39,404,744	37,488,629	40,577,490
Savings (Domestic)	48,090,668	52,574,470	53,770,766	57,680,574
NOW Accounts b/ (Domestic)	2,861,084	9,808,951	9,831,261	13,689,463
Foreign Deposits	41,735,691	29,658,709	29,208,538	27,866,699
Total Assets	210,384,761	198,326,254	189,245,525	202,715,461
Total Loans and Leases	148,114,312	142,130,720	136,740,285	147,026,760
Total Loans	$144,072,415	$138,334,387	$132,525,640	$142,612,133
All Commercial Banks:				
Total Deposits	$240,221,930	$241,151,616	$233,099,945	$243,757,505
Demand (Domestic)	54,451,325	66,364,521	55,677,304	60,059,872
Time (Domestic)	70,322,724	61,541,139	61,677,075	65,896,873
Savings (Domestic)	69,908,145	80,054,508	81,941,781	86,485,559
NOW Accounts b/ (Domestic)	4,567,823	15,764,318	16,537,118	20,720,069
Foreign Deposits	45,539,736	33,191,448	33,803,785	31,315,201
Total Assets	294,250,874	292,666,797	282,831,860	300,350,254
Total Loans and Leases	203,790,778	203,366,317	199,513,729	210,383,814
Total Loans	$198,204,039	$197,980,523	$193,634,601	$203,856,234
Real Estate Loans	$63,567,988	$66,892,140	$71,708,819	$81,962,205
1-4 Family (Domestic)	33,672,467	32,353,004	32,960,892	38,581,012
Multifamily (Domestic)	1,439,187	2,128,964	1,838,381	1,955,847
Commercial & Industrial Loans	72,189,521	71,291,098	68,625,107	68,921,439
Loans to Individuals	35,302,616	34,165,660	31,904,557	31,982,319
All Other Loans	27,143,914	25,631,625	21,396,118	20,990,271

a/ All data include foreign branches of California banks unless otherwise noted.
b/ NOW: Negotiated Order of Withdrawal.
c/ Preliminary.

Federal Deposit Insurance Corporation
Research Division
(202) 898-6949

TABLE L-2

SELECTED BALANCE SHEET DATA FOR INSURED SAVINGS AND LOAN ASSOCIATIONS, CALIFORNIA, 1970 TO 1988

(In millions)

Dec. 31	Number of assns.	Total assets	Gross Mortgage loans out-standing	Cash and investment securities	Total savings
1970	225	$32,792	$28,308	$2,498	$25,043
1971	207	36,934	31,965	2,842	30,043
1972	182	42,866	37,204	3,258	35,658
1973	175	47,133	41,113	2,982	37,836
1974	170	50,739	43,758	3,381	39,359
1975	165	58,010	49,100	4,752	47,147
1976	164	69,141	58,553	5,442	57,102
1977	164	83,318	70,734	6,598	66,918
1978	170	95,518	80,765	7,754	74,896
1979	180	109,937	92,512	7,921	84,166
1980	195	120,536	98,196	10,016	89,693
1981	188	137,883	107,866	13,018	96,163
1982	171	153,424	105,927	16,799	108,712
1983	181	193,566	132,297	23,290	147,857
1984	202	251,162	167,141	29,476	190,130
1985	219	273,180	179,637	32,451	199,908
1986	216	309,275	191,461	36,604	218,163
1987	206	346,471	216,506	39,663	239,780
1988	193	395,511	229,960	41,090	258,726

Dec. 31	FHLB advances	Other borrowings	Loans in process	Total regulatory net worth
1970	$4,088	$133	$462	$2,396
1971	2,584	268	585	2,608
1972	2,146	577	606	2,935
1973	3,896	597	429	3,283
1974	5,826	617	307	3,487
1975	4,415	548	788	3,717
1976	4,135	615	1,324	4,221
1977	4,736	2,664	1,822	4,961
1978	7,519	3,213	2,114	5,809
1979	9,463	5,422	1,992	6,634
1980	13,399	6,232	1,671	6,871
1981	20,914	9,243	1,584	6,081
1982	21,001	11,739	2,553	5,884
1983	17,580	15,542	5,195	8,396
1984	23,241	23,859	6,937	9,755
1985	27,627	26,984	6,537	11,918
1986	31,216	37,906	5,429	13,520
1987	30,939	54,337	5,105	14,347
1988	36,186	73,497	5,354	18,601

a/ Investment securities are the total of liquid assets (exclusive of cash) as defined by Board Regulations and other investment securities. Included are U.S. Government obligations, Federal agency securities, State and local government securities, time deposits at banks and miscellaneous securities, except FHLB stock.

Federal Home Loan Bank of San Francisco
Public Information Office
(415) 393-1209

SECTION M

PUBLIC FINANCE

Data relating to the financial operation of governmental agencies in California are summarized in this section. The information is arranged according to the level of government, starting with the Federal Government and running through special districts. Figures are given on revenues, expenditures and debt, with additional details on each of these subjects where they can be prepared in summary form. Supplementary information is available in the files and records of the contributing agencies.

TABLE M-1

FEDERAL GRANTS TO CALIFORNIA, 1987-88
(In thousands)

Agency	1987-88
Total	$11,676,158
Department of Agriculture	1,074,719
Department of Commerce	17,680
Corporation for Public Broadcasting	16,329
Department of Defense	2,457
Department of Education	807,585
Department of Energy	7,470
Environmental Protection Agency	189,174
Federal Emergency Management Agency	25,954
Department of Health and Human Services	6,354,089
Alcohol, Drug Abuse, and Mental Health Administration	83,164
Centers for Disease Control	22,140
Health Care Financing Administration (Medicaid)	2,985,099
Health Resources and Services Administration	86,413
Human Development Services	651,036
Social Security Administration	1,541
Family Support Administration	2,524,696
Department of Housing and Urban Development	987,030
Department of the Interior	52,626
Department of Justice	38,759
Department of Labor	646,823
Department of Transportation	1,438,018
Veteran's Administration	12,674
Miscellaneous	4,771

Source: U.S. Department of Commerce, Bureau of the Cens
Federal Expenditures by State for Fiscal Year 1988.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-2

FEDERAL REVENUES AND EXPENDITURES IN CALIFORNIA, FISCAL YEARS 1970-71 TO 1987-88
(In millions)

Fiscal year	Revenues	Expenditures
1970-71	$17,630	$23,453
1971-72	18,963	25,617
1972-73	21,386	28,418
1973-74	24,959	31,380
1974-75	28,510	36,782
1975-76	28,092	41,330
1976-77	37,997	47,195
1977-78	42,773	49,601
1978-79	49,558	52,534
1979-80	58,873	61,464
1980-81	67,150	69,416
1981-82	71,542	77,501
1982-83	70,893	86,364
1983-84	76,624	91,713
1984-85	85,348	97,814
1985-86	89,604	100,860
1986-87	101,445	100,753
1987-88	n.a.	102,366

n.a. Not available.

Source: Bureau of the Census, Federal Expenditure by State;
Commissioner of Internal Revenue, Annual Report.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-3

FEDERAL EXPENDITURES BY COUNTY, 1987-88

(In thousands)

County	Total	Department of Defense	All other agencies	County	Total	Department of Defense	All other agencies
Total	$103,235,482	$36,297,640	$66,937,842	Orange	7,325,252	3,461,628	3,863,624
				Placer	373,502	34,695	338,807
Alameda	5,371,395	1,141,862	4,229,533	Plumas	62,200	1,578	60,622
Alpine	2,379	210	2,169	Riverside	2,354,546	383,521	1,971,025
Amador	64,519	3,081	61,438	Sacramento	5,984,460	1,463,417	4,521,043
Butte	472,282	20,206	452,076	San Benito	60,230	11,154	49,076
Calaveras	74,715	3,476	71,239	San Bernardino	3,905,199	1,833,188	2,072,011
Colusa	62,706	597	62,109	San Diego	10,963,590	6,243,031	4,720,559
Contra Costa	1,859,432	290,363	1,569,069	San Francisco	3,470,123	581,755	2,888,368
Del Norte	51,004	1,652	49,352	San Joaquin	1,119,092	166,046	953,046
El Dorado	229,542	18,201	211,341	San Luis Obispo	432,233	51,405	380,828
Fresno	1,398,501	64,092	1,334,409	San Mateo	1,568,515	326,202	1,242,313
Glenn	79,919	1,434	78,485	Santa Barbara	1,511,313	826,138	685,175
Humboldt	319,561	29,236	290,325	Santa Clara	7,235,407	4,167,554	3,067,853
Imperial	257,555	19,930	237,625	Santa Cruz	407,611	23,430	384,181
Inyo	110,203	53,061	57,142	Shasta	364,966	11,644	353,322
Kern	1,871,496	675,349	1,196,147	Sierra	19,903	8,103	11,800
Kings	296,972	147,275	149,697	Siskiyou	145,583	3,875	141,708
Lake	168,148	5,886	162,262	Solano	1,541,552	1,026,901	514,651
Lassen	91,501	23,275	68,226	Sonoma	828,751	64,319	764,432
Los Angeles	30,511,367	10,931,291	19,580,076	Stanislaus	686,829	39,253	647,576
Madera	170,598	5,798	164,800	Sutter	145,307	11,729	133,578
Marin	462,442	62,467	399,975	Tehama	121,784	3,498	118,286
Mariposa	47,987	4,025	43,962	Trinity	54,412	1,327	53,085
Mendocino	184,689	11,814	172,875	Tulare	738,718	21,504	717,214
Merced	508,725	177,113	331,612	Tuolumne	130,124	8,567	121,557
Modoc	42,823	13,692	29,131	Ventura	1,859,855	885,044	974,811
Mono	17,092	6,945	10,147	Yolo	343,192	21,823	321,369
Monterey	1,295,840	747,147	548,693	Yuba	264,347	121,328	143,019
Napa	284,451	14,485	269,966	Not distributed			
Nevada	190,159	20,020	170,139	by county	2,718,881	--	2,718,881

Source: U.S. Department of Commerce, Bureau of the Census, Consolidated Federal Funds Report, Fiscal Year 1988.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-4

FEDERAL INTERNAL REVENUE COLLECTIONS IN CALIFORNIA, 1987 a/

Tax source	Thousands
Total internal revenue collections	$101,445,378
Corporate income	10,781,385
Individual income and employment	86,683,281
Estate	1,014,797
Gift	36,655
Excises, total	2,929,260
Alcohol and tobacco	804,052
Manufacturers' excises	1,392,075
Gasoline	1,325,277
Tires and other	44,255
Black lung	8,327
Recreational excise tax	14,216
Retailers' & special fuels taxes	318,668
Diesel fuel	256,803
Noncommercial aviation fuel	6,707
Motor vehicle chassis, bodies, parts and accessories	55,158
Miscellaneous excises	281,402
Telephone, and typewriter services	227,215
Airline travel and transportation	96,593
Wagering taxes	202
Use tax on highway motor vehicles	40,727
Private foundations net investment income	18,373
Windfall profit tax	(202,304)
Other	100,593
Unclassified excise b/	133,065

a/ U.S. fiscal year ending September 30, 1987.

b/ Includes undistributed depositary receipts and unclassified advance payments of excise taxes.

Note: Detail may not add to total because of rounding.

Source: Internal Revenue Service, Commissioner of Internal Revenue, Annual Report 1987.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-5

GENERAL OBLIGATION BONDS OUTSTANDING STATE OF CALIFORNIA, JUNE 30, 1989

Purpose	Thousands
Total	$8,631,485
Harbor	9,485
Water	1,311,470
Veterans	2,875,910
School building	279,985
Beaches and parks	123,525
State construction	86,900
Higher education	274,140
Junior colleges	6,500
Clean water	227,900
Recreation, fish and wildlife	15,000
Community colleges	47,250
Health science facilities	58,405
Safe drinking water	139,270
State, urban and coastal parks	132,125
Clean water and water conservation	222,750
Parklands	152,400
New prison construction	876,000
School building lease-purchases	930,925
County jail capital expenditure	436,375
First time home buyers	6,170
Park and recreational facilities	139,500
Fish and wildlife habitat enhancement	34,500
Lake Tahoe acquisitions	25,000
Hazardous substance cleanup	42,500
Senior center	42,500
County correctional facility capital expenditure	43,000
Wildlife, coastal and park land conservation	32,000
Community parklands	5,000
School facilities	55,000

Office of the State Treasurer
Trust Services Division
(916) 323-1481

TABLE M-6

STATE REVENUES, BY SOURCE CALIFORNIA 1987-88 TO 1989-90

(In millions)

Tax/Revenue source	1987-88	1988-89 a/	1989-90 a/
Total b/	$38,213.9	$42,280.7	$45,966.1
General Fund	32,360.2	35,836.7	38,798.8
Special Funds	5,853.8	6,444.0	7,167.3
Major Taxes & Licenses			
Alcoholic Beverage	128.7	127.0	126.0
Bank and Corporation	4,776.4	5,225.0	5,585.0
Cigarette	250.6	545.0	863.0
Horseracing License Fees	146.4	148.0	160.0
Inheritance and Gift Taxes	304.1	376.0	421.0
Insurance Tax	1,158.3	1,411.0	1,279.0
Motor Vehicle Fuel Tax	1,279.7	1,303.9	1,329.9
Motor Vehicle License Fees	1,877.8	2,015.0	2,165.2
Motor Vehicle Registration Fees	1,096.3	1,145.0	1,196.5
Personal Income	12,947.2	14,728.1	16,363.1
Retail Sales and Use Taxes	11,650.5	12,593.0	13,448.0
Minor Revenues	2,597.8	2,663.7	3,029.4

a/ Estimated.
b/ Totals may not add due to rounding.

Source: Governor's Budget Summary, 1989-90

TABLE M-7

STATE EXPENDITURES BY CHARACTER AND FUNCTION, CALIFORNIA, FISCAL YEARS 1987-88 TO 1989-90 a/

(In thousands)

	Actual 1987-88	Estimated 1988-89	Estimated 1989-90
By character			
Total	$39,634,537	$43,457,479	$46,102,638
State operations	11,078,203	12,004,727	13,215,743
Capital outlay	308,107	233,583	275,591
Local assistance	28,484,376	31,284,899	32,597,304
Unclassified	(236,149)	(65,730)	14,000
By function b/			
Legislative/judicial/executive	812,937	1,076,491	1,356,046
State and consumer services	463,248	517,744	532,747
Business, transportation and housing	2,233,159	2,355,078	2,648,796
Resources	1,078,516	1,212,931	1,179,546
Health and welfare	10,536,128	11,988,904	12,439,333
Education	18,526,675	19,977,111	20,868,348
Higher education	3,789,433	3,993,854	4,272,243
Correctional programs	1,908,461	2,120,443	2,360,221
Other Government Units and Services	4,311,562	4,274,507	4,703,601

a/ Excluding both bond and federal funds.
b/ Detail by function will not add to total: unclassified expenditures are not allocated by function.

Source: Governor's Budget 1989-90.

Source agency for tables M-6 and M-7:
Department of Finance, Financial and Economic Research
(916) 322-2263

TABLE M-8

STATE REVENUE AND EXPENDITURES BY CHARACTER
CALIFORNIA, 1950-51 TO 1989-90
(In millions)

Fiscal year	Revenue			Expenditures			
	Total b/	General Fund	Special Fund	Total b/	State Operations	Capital Outlay	Local Assistance
1950-51	$994.0	$672.1	$322.0	$1,006.3	$263.1	$199.0	$544.2
1951-52	1,086.3	734.0	352.3	1,068.1	294.4	180.4	593.2
1952-53	1,150.9	774.0	376.9	1,176.7	320.3	206.2	650.3
1953-54	1,271.4	798.1	473.4	1,381.4	346.9	285.5	749.0
1954-55	1,433.8	879.1	554.7	1,422.4	368.5	276.6	777.3
1955-56	1,577.9	1,005.0	572.9	1,532.8	402.4	286.3	844.1
1956-57	1,833.7	1,078.9	754.8	1,732.5	462.9	354.1	915.4
1957-58	1,750.9	1,110.8	640.1	1,891.4	541.5	354.8	995.2
1958-59	1,925.1	1,210.4	714.7	1,931.6	584.9	254.2	1,092.5
1959-60	2,198.3	1,491.1	707.3	2,085.6	634.7	239.5	1,211.4
1960-61	2,338.2	1,597.9	740.3	2,525.4	722.9	503.9	1,298.5
1961-62	2,451.2	1,728.2	723.0	2,406.2	779.0	275.6	1,351.6
1962-63	2,667.9	1,866.0	801.9	2,702.8	863.5	345.4	1,493.9
1963-64	3,057.4	2,137.4	920.0	2,977.7	936.0	363.5	1,678.2
1964-65	3,294.9	2,245.1	1,049.8	3,337.5	1,035.5	383.6	1,918.4
1965-66	3,580.7	2,508.5	1,072.2	3,636.4	1,158.8	376.1	2,100.9
1966-67	4,072.5	2,882.4	1,190.2	4,144.6	1,326.3	409.2	2,409.1
1967-68	4,932.0	3,678.1	1,254.0	4,484.4	1,395.5	372.1	2,716.7
1968-69	5,454.4	4,128.7	1,325.7	5,266.7	1,578.6	507.4	3,180.6
1969-70	5,742.4	4,327.3	1,415.2	5,974.9	1,660.6	617.0	3,697.3
1970-71	5,917.0	4,483.1	1,433.9	6,213.2	1,764.6	372.0	4,076.6
1971-72	6,896.8	5,388.1	1,508.7	6,374.3	1,817.4	355.3	4,201.6
1972-73	7,670.2	5,972.7	1,697.4	7,204.1	2,073.0	485.9	4,645.3
1973-74	8,430.6	6,688.4	1,742.2	8,994.1	2,255.7	398.7	6,339.7
1974-75	10,189.9	8,410.6	1,779.3	10,029.1	2,594.6	305.5	7,129.1
1975-76	11,352.0	9,423.8	1,928.3	11,197.3	2,953.6	226.9	8,016.7
1976-77	13,237.7	11,164.2	2,073.5	12,508.5	3,305.6	419.1	8,783.8
1977-78	15,746.9	13,478.5	2,268.4	13,846.8	3,757.7	407.3	9,681.8
1978-79	17,424.6	14,900.5	2,524.1	18,548.6	3,908.5	417.2	14,222.9
1979-80	20,642.6	17,667.5	2,975.1	21,294.5	4,784.9	463.2	16,046.5
1980-81	21,824.0	18,707.8	3,116.2	24,366.5	5,643.8	433.4	18,289.2
1981-82	23,357.1	19,898.4	3,458.7	24,791.3	5,954.6	221.8	18,606.8
1982-83	24,212.3	20,491.1	3,721.2	24,931.5	6,130.3	215.5	18,577.3
1983-84	27,617.4	23,335.0	4,282.4	26,396.6	6,472.6	173.3	19,738.7
1984-85	31,550.8	26,495.6	5,055.2	30,373.0	8,157.7	288.9	21,914.6
1985-86	33,536.6	28,090.1	5,446.5	34,031.6	9,383.6	428.3	24,207.4
1986-87	37,640.9	32,323.1	5,317.8	37,118.5	10,154.3	442.8	26,504.4
1987-88	38,213.9	32,360.2	5,853.8	39,634.5	11,078.2	308.1	28,484.4
1988-89 e/	42,280.7	35,836.7	6,444.0	43,457.5	12,004.7	233.6	31,284.9
1989-90 e/	45,966.1	38,798.8	7,167.3	46,102.6	13,215.7	275.6	32,597.3

a/ Excluding bond funds.
b/ Detail may not add to total due to rounding and exclusion of unclassified expenditures.
e/ Estimated.

Source: Governor's Budget, 1989-90, Schedules 8 and 9

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-9

TOTAL FINANCIAL TRANSACTIONS CONCERNING COUNTIES, CITIES, SCHOOLS, SPECIAL DISTRICTS AND REDEVELOPMENT AGENCIES BY COUNTY, FISCAL YEAR 1987-88a/

(In thousands)

County	Receipts	Payments	Bonded Indebtedness	County	Receipts	Payments	Bonded Indebtedness
Total	$74,003,614	$71,250,322	$25,051,622	Nevada	161,986	147,740	87,187
				Orange	5,081,871	4,773,521	1,985,945
Alameda	3,617,954	3,498,246	1,384,892	Placer	380,614	343,209	121,572
Alpine	6,735	6,072	755	Plumas	49,717	48,909	1,955
Amador	56,317	54,290	1,518	Riverside	2,753,518	2,444,976	707,230
Butte	273,433	279,780	90,822	Sacramento	2,829,478	2,647,012	3,244,560
Calaveras	62,834	59,414	5,255	San Benito	72,700	73,942	16,582
Colusa	36,890	36,826	1,946	San Bernardino	2,894,076	2,744,493	506,459
Contra Costa	1,946,901	1,811,881	375,162	San Diego	4,988,851	4,712,937	1,068,036
Del Norte	46,295	42,376	317	San Francisco	2,688,970	2,786,288	1,271,310
El Dorado	249,433	221,203	10,735	San Joaquin	1,069,528	1,049,224	49,828
Fresno	1,558,556	1,513,739	185,916	San Luis Obispo	392,892	384,604	38,094
Glenn	56,029	54,993	310	San Mateo	1,332,893	1,279,416	147,569
Humboldt	227,137	219,370	23,766	Santa Barbara	781,118	767,069	154,057
Imperial	411,648	377,823	20,841	Santa Clara	3,900,971	3,962,965	1,192,625
Inyo	55,224	54,348	1,823	Santa Cruz	485,398	447,672	67,029
Kern	1,460,279	1,425,807	234,164	Shasta	311,655	313,548	41,454
Kings	202,029	204,463	23,949	Sierra	13,768	12,715	2,091
Lake	101,451	103,487	11,352	Siskiyou	102,512	97,439	3,128
Lassen	50,505	49,646	23,594	Solano	693,479	648,177	488,090
Los Angeles	25,699,554	24,866,337	9,576,383	Sonoma	860,174	785,278	188,457
Madera	166,609	159,750	23,551	Stanislaus	912,985	921,470	674,228
Marin	420,753	396,328	83,064	Sutter	120,084	115,078	21,893
Mariposa	26,728	27,160	279	Tehama	84,797	86,748	1,971
Mendocino	199,597	199,683	54,624	Trinity	42,838	41,108	1,169
Merced	416,268	434,119	54,935	Tulare	745,993	726,953	104,965
Modoc	26,146	25,120	812	Tuolumne	100,627	99,018	67,819
Mono	38,996	32,950	4,321	Ventura	1,442,846	1,365,663	278,080
Monterey	730,008	702,022	104,557	Yolo	271,796	275,205	44,031
Napa	177,082	177,043	46,062	Yuba	114,088	113,669	128,503

a/ Does not include data for community college districts.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-10

FINANCIAL TRANSACTIONS CONCERNING COUNTIES
FISCAL YEAR 1987-88 a/
(In thousands)

County	Receipts	Payments	Bonded Indebtedness	County	Receipts	Payments	Bonded Indebtedness
Total	$19,536,542	$19,916,808	$147,012	Nevada	44,023	43,523	--
				Orange	1,034,460	1,035,318	1,955
Alameda	877,170	894,812	--	Placer	99,175	95,420	--
Alpine	4,242	3,623	--	Plumas	20,442	19,746	--
Amador	29,921	28,949	--	Riverside	665,316	648,906	--
Butte	94,705	97,411	--	Sacramento	732,882	711,255	6,110
Calaveras	20,827	19,957	--	San Benito	17,989	18,068	--
Colusa	14,056	14,832	--	San Bernardino	827,573	863,337	--
Contra Costa	526,721	504,573	--	San Diego	1,143,284	1,142,119	--
Del Norte	21,223	19,425	--	San Francisco b/	-0-	-0-	-0-
El Dorado	76,990	73,691	--	San Joaquin	429,285	435,487	--
Fresno	573,146	567,922	--	San Luis Obispo	141,163	140,108	--
Glenn	23,687	24,399	--	San Mateo	363,050	360,212	--
Humboldt	81,958	79,515	--	Santa Barbara	212,259	213,973	--
Imperial	70,084	70,863	--	Santa Clara	1,066,038	1,082,405	--
Inyo	19,602	19,090	--	Santa Cruz	134,085	131,289	--
Kern	505,990	508,836	--	Shasta	103,008	101,834	506
Kings	66,525	69,040	--	Sierra	7,695	6,967	--
Lake	42,777	45,854	--	Siskiyou	41,198	41,269	--
Lassen	18,695	18,671	--	Solano	156,520	157,179	3,500
Los Angeles	7,046,553	7,437,048	105,876	Sonoma	295,130	296,513	--
Madera	63,517	58,418	6,550	Stanislaus	255,638	242,789	--
Marin	116,470	118,362	--	Sutter	42,313	41,312	--
Mariposa	13,470	13,898	--	Tehama	35,450	36,309	--
Mendocino	68,450	72,987	20,550	Trinity	21,887	22,456	--
Merced	180,129	185,973	--	Tulare	221,148	224,677	--
Modoc	10,884	10,914	--	Tuolumne	45,675	44,816	--
Mono	13,868	13,972	--	Ventura	376,585	362,477	--
Monterey	213,646	209,108	675	Yolo	106,780	106,749	--
Napa	57,906	63,613	1,290	Yuba	43,279	44,539	--

a/ Includes county-operated enterprises.
b/ San Francisco City and County included in City Statement.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-11

FINANCIAL TRANSACTIONS CONCERNING CITIES, BY COUNTY
FISCAL YEAR 1987-88
(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$19,561,896	$18,791,251	$6,026,417	Nevada	8,958	7,601	2,600
				Orange	1,332,491	1,278,105	305,014
Alameda	845,034	832,969	127,168	Placer	86,545	70,094	15,854
Alpine	--	--	--	Plumas	1,467	1,708	204
Amador	5,005	4,807	227	Riverside	589,077	544,117	268,175
Butte	36,219	35,121	2,121	Sacramento	254,803	259,778	30,319
Calaveras	1,679	1,604	57	San Benito	9,733	10,811	1,135
Colusa	3,404	3,733	243	San Bernardino	511,606	485,092	27,210
Contra Costa	292,959	272,289	33,645	San Diego	1,229,657	1,143,693	77,313
Del Norte	4,524	3,752	75	San Francisco a/	2,205,838	2,313,118	1,045,632
El Dorado	23,877	25,072	413	San Joaquin	193,656	182,748	13,075
Fresno	238,031	247,220	9,895	San Luis Obispo	78,696	85,027	10,385
Glenn	3,871	3,653	80	San Mateo	332,066	320,851	14,120
Humboldt	29,120	29,593	7,599	Santa Barbara	150,810	155,900	75,231
Imperial	56,739	57,424	2,604	Santa Clara	1,150,149	1,081,295	332,796
Inyo	2,996	2,641	--	Santa Cruz	109,834	100,683	24,174
Kern	122,252	131,617	16,640	Shasta	77,833	82,029	13,883
Kings	24,993	26,946	164	Sierra	378	479	184
Lake	5,866	6,663	--	Siskiyou	11,103	10,592	1,878
Lassen	4,212	5,475	--	Solano	174,003	160,781	13,398
Los Angeles	8,245,856	7,704,969	3,304,442	Sonoma	201,352	161,333	84,142
Madera	12,612	13,794	904	Stanislaus	111,187	107,671	16,590
Marin	86,036	81,230	5,171	Sutter	13,679	12,963	3,871
Mariposa	--	--	--	Tehama	11,080	11,841	1,115
Mendocino	27,627	27,175	24,171	Trinity	--	--	--
Merced	48,020	57,080	7,840	Tulare	79,816	82,187	6,769
Modoc	1,304	1,289	--	Tuolumne	2,392	1,995	--
Mono	5,847	4,898	--	Ventura	269,309	288,274	36,740
Monterey	113,523	117,188	7,168	Yolo	73,044	81,185	26,045
Napa	44,020	45,481	27,938	Yuba	5,708	5,617	--

a/ San Francisco City and County

Office of State Controller
Division of Local Government Fiscal Affairs
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TABLE M-12

FINANCIAL TRANSACTIONS CONCERNING SCHOOL DISTRICTS, BY COUNTY, FISCAL YEAR 1987-88 a/

(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$19,004,991	$18,716,575	$648,893	Nevada	44,720	44,266	1,044
				Orange	1,460,596	1,464,211	98,843
Alameda	796,455	794,939	40,740	Placer	112,635	109,702	1,637
Alpine	1,526	1,298	305	Plumas	15,068	14,786	--
Amador	14,724	14,652	1,291	Riverside	687,795	668,443	16,339
Butte	93,064	92,001	510	Sacramento	637,593	627,837	20,385
Calaveras	21,500	22,286	1,341	San Benito	27,779	27,753	550
Colusa	12,503	11,904	926	San Bernardino	910,915	889,358	36,277
Contra Costa	477,610	461,991	4,810	San Diego	1,417,205	1,404,835	24,082
Del Norte	14,769	14,227	--	San Francisco	280,229	274,321	12,405
El Dorado	86,475	81,725	2,088	San Joaquin	357,016	353,801	12,173
Fresno	565,508	532,841	57,125	San Luis Obispo	138,706	133,043	242
Glenn	19,498	18,895	5	San Mateo	342,648	328,156	12,860
Humboldt	82,739	81,668	567	Santa Barbara	195,318	193,624	5,139
Imperial	104,681	103,680	2,644	Santa Clara	953,812	958,888	57,434
Inyo	16,408	16,563	243	Santa Cruz	137,832	136,833	2,037
Kern	463,669	449,038	15,185	Shasta	99,072	99,912	559
Kings	74,802	72,009	2,065	Sierra	4,815	4,468	--
Lake	31,032	30,661	676	Siskiyou	40,994	37,830	554
Lassen	23,636	22,038	200	Solano	201,778	200,806	11,547
Los Angeles	5,868,112	5,820,606	106,535	Sonoma	222,205	219,848	10,121
Madera	70,783	70,786	3,030	Stanislaus	259,079	241,253	18,463
Marin	108,685	106,329	1,519	Sutter	40,922	39,321	2,257
Mariposa	9,377	9,448	--	Tehama	35,667	35,741	577
Mendocino	64,473	62,471	2,010	Trinity	15,030	13,788	255
Merced	142,563	139,604	1,770	Tulare	274,695	263,861	1,231
Modoc	10,795	9,808	558	Tuolumne	31,918	30,095	401
Mono	11,076	8,164	988	Ventura	461,035	437,576	42,223
Monterey	237,037	239,009	4,430	Yolo	75,781	74,712	3,545
Napa	53,515	52,717	2,403	Yuba	45,118	46,149	1,749

a/ School Districts does not include community college districts as in years prior to fiscal year 1985-86.

Office of State Controller
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TABLE M-13

FINANCIAL TRANSACTIONS CONCERNING SPECIAL DISTRICTS, BY COUNTY, FISCAL YEAR 1987-88 a/

(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$12,228,870	$10,548,379	$13,853,452	Nevada	64,281	52,320	83,543
				Orange	855,738	682,226	1,069,299
Alameda	998,032	875,646	1,091,349	Placer	77,620	65,132	101,081
Alpine	967	1,151	450	Plumas	12,740	12,669	1,751
Amador	6,667	5,882	--	Riverside	667,009	471,175	227,856
Butte	38,820	38,461	73,536	Sacramento	1,146,849	1,013,446	3,117,261
Calaveras	18,828	15,567	3,857	San Benito	15,601	13,880	5,517
Colusa	6,927	6,357	777	San Bernardino	379,702	287,335	104,497
Contra Costa	406,162	333,298	124,902	San Diego	1,033,926	889,040	779,426
Del Norte	5,583	4,770	242	San Francisco	98,231	103,899	81,358
El Dorado	61,917	40,599	8,234	San Joaquin	81,526	74,197	24,580
Fresno	152,878	137,167	87,905	San Luis Obispo	34,292	26,271	27,467
Glenn	8,941	8,019	117	San Mateo	265,150	240,988	93,269
Humboldt	29,963	25,577	15,600	Santa Barbara	174,786	166,179	33,032
Imperial	175,646	137,802	7,093	Santa Clara	477,415	527,388	381,421
Inyo	16,211	16,047	1,580	Santa Cruz	76,385	74,737	14,088
Kern	363,432	328,449	195,449	Shasta	29,801	28,146	19,806
Kings	34,439	34,610	21,720	Sierra	880	801	1,907
Lake	21,755	20,271	10,676	Siskiyou	9,217	7,748	696
Lassen	3,962	3,462	23,394	Solano	116,891	91,940	396,340
Los Angeles	2,990,669	2,513,386	4,294,294	Sonoma	114,385	93,366	67,824
Madera	19,697	16,752	13,067	Stanislaus	260,675	295,734	637,975
Marin	105,424	86,408	60,759	Sutter	23,170	21,482	15,765
Mariposa	3,881	3,814	279	Tehama	2,600	2,857	279
Mendocino	38,897	36,932	7,893	Trinity	5,921	4,864	914
Merced	38,732	37,291	39,930	Tulare	168,097	153,546	96,965
Modoc	3,163	3,109	254	Tuolumne	20,642	22,112	67,418
Mono	8,205	5,916	3,333	Ventura	246,824	216,910	121,992
Monterey	153,753	129,711	44,594	Yolo	15,172	11,143	14,441
Napa	20,112	13,515	7,646	Yuba	19,681	16,879	126,754

a/ Special Districts does not include community redevelopment agencies as in years prior to fiscal year 1985-86.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-14

FINANCIAL TRANSACTIONS CONCERNING REDEVELOPMENT AGENCIES, BY COUNTY, FISCAL YEAR 1987-88 a/

(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$3,671,315	$3,277,309	$4,375,848	Nevada	4	30	--
				Orange	398,586	313,661	510,834
Alameda	101,263	99,880	125,635	Placer	4,639	2,861	3,000
Alpine	--	--	--	Plumas	--	--	--
Amador	--	--	--	Riverside	144,321	112,335	194,860
Butte	10,625	16,786	14,655	Sacramento	57,351	34,696	70,485
Calaveras	--	--	--	San Benito	1,598	3,430	9,380
Colusa	--	--	--	San Bernardino	264,280	219,371	338,475
Contra Costa	243,449	239,730	211,805	San Diego	164,779	133,250	187,215
Del Norte	196	202	--	San Francisco	104,672	94,950	131,915
El Dorado	174	116	--	San Joaquin	8,045	2,991	--
Fresno	28,993	28,589	30,991	San Luis Obispo	35	155	--
Glenn	32	27	108	San Mateo	29,979	29,209	27,320
Humboldt	3,357	3,017	--	Santa Barbara	47,945	37,393	40,655
Imperial	4,498	8,054	8,500	Santa Clara	253,557	312,989	420,974
Inyo	7	7	--	Santa Cruz	27,262	4,130	26,730
Kern	4,936	7,867	6,890	Shasta	1,941	1,627	6,700
Kings	1,270	1,858	--	Sierra	--	--	--
Lake	21	38	--	Siskiyou	--	--	--
Lassen	--	--	--	Solano	44,287	37,471	63,305
Los Angeles	1,548,364	1,390,328	1,765,236	Sonoma	27,102	14,218	26,370
Madera	--	--	--	Stanislaus	26,406	34,023	1,200
Marin	4,138	3,999	15,615	Sutter	--	--	--
Mariposa	--	--	--	Tehama	--	--	--
Mendocino	150	118	--	Trinity	--	--	--
Merced	6,824	14,171	5,395	Tulare	2,237	2,682	--
Modoc	--	--	--	Tuolumne	--	--	--
Mono	--	--	--	Ventura	89,093	60,426	77,125
Monterey	12,049	7,006	47,690	Yolo	1,019	1,416	--
Napa	1,529	1,717	6,785	Yuba	302	485	--

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-15

ASSESSED VALUE OF STATE- AND COUNTY-ASSESSED TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION BY CLASS OF PROPERTY, 1988-89

(In millions)

Type of property	State assessed	County assessed	Total
Net total a/	$71,131	$1,204,385	$1,275,516
Land	6,730	444,011	450,740
Improvements	60,925	707,577	768,502
Personal property b/	3,477	78,742	82,219
Exemptions c/	--	25,945	25,945

a/ Net total is the sum of land, improvements, and personal property less exemptions. Detail may not add to total due to rounding.
b/ Excludes the value of railroad cars operated by private car companies, subject to exclusive state taxation.
c/ Exemptions include those for veterans, churches, private colleges, private schools and hospitals, but exclude the reimbursable homeowners' exemption. Business inventories, exempt since 1980-81, are also excluded.

TABLE M-16

ASSESSED VALUE OF TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION, TAX ALLOCATIONS AND LEVIES AND AVERAGE TAX RATE, CALIFORNIA

(In thousands)

	1986-87	1987-88	1988-89
Net taxable assessed value	$1,027,308,485	$1,132,094,179	$1,242,494,362
Property tax allocations and levies a/			
City	$1,455,255	$1,610,325	$1,762,635
County b/	3,698,633	4,081,410	4,446,822
School b/	4,039,036	4,360,274	4,724,216
Other district c/	1,932,657	2,151,535	2,373,866
Total	$11,125,581	$12,203,544	$13,307,539
Average tax rate per $100 of assessed value	1.083%	1.078%	1.071%
Exempt valuation, excluded from assessed value data shown above			
Total	$52,086,348	$55,387,418	$57,698,448
Homeowners	30,691,272	31,222,301	31,753,571
Business inventories	------(entirely exempt)------		
All other	21,395,076	24,165,118	25,944,877

a/ County levies (set at $1.00 per $100 of assessed value by Proposition 13) have been allocated among the jurisdictions receiving a portion of those levies. State reimbursements to local governments for the homeowners' exemption are excluded: 1986-87, $330,394,000; 1987-88, $334,551,000; 1988-89, $340,806,000. The business inventory reimbursement was eliminated effective 1984-85.
b/ County levies for school purposes such as junior college tuition and county-wide school levies are included with school levies.
c/ Includes debt levies on land and/or improvements only. Also includes the portion of the $1.00 levy allocated to jurisdictions previously taxing less than total property.

Source agency for tables M-15 and M-16:
Board of Equalization, Research and Statistics Division
(916) 445-0840

TABLE M-17

1988-89 PROPERTY TAX DOLLAR a/ BY GOVERNING BODY

County	City	County b/	School purpose b/	Other districts	Total
Total	$0.13	$0.33	$0.36	$0.18	$1.00
Alameda	0.23	0.31	0.23	0.23	1.00
Alpine	--	0.68	0.20	0.12	1.00
Amador	0.04	0.45	0.48	0.03	1.00
Butte	0.08	0.22	0.56	0.14	1.00
Calaveras	0.01	0.28	0.56	0.15	1.00
Colusa	0.05	0.36	0.51	0.08	1.00
Contra Costa	0.11	0.25	0.33	0.31	1.00
Del Norte	0.02	0.31	0.52	0.15	1.00
El Dorado	0.06	0.33	0.39	0.22	1.00
Fresno	0.15	0.30	0.42	0.13	1.00
Glenn	0.07	0.33	0.55	0.05	1.00
Humboldt	0.05	0.35	0.45	0.15	1.00
Imperial	0.10	0.33	0.49	0.08	1.00
Inyo	0.02	0.37	0.52	0.09	1.00
Kern	0.06	0.39	0.43	0.12	1.00
Kings	0.08	0.46	0.36	0.10	1.00
Lake	0.03	0.36	0.44	0.17	1.00
Lassen	0.04	0.29	0.59	0.08	1.00
Los Angeles	0.19	0.42	0.21	0.18	1.00
Madera	0.04	0.30	0.59	0.07	1.00
Marin	0.13	0.29	0.42	0.16	1.00
Mariposa	--	0.33	0.61	0.06	1.00
Mendocino	0.03	0.38	0.51	0.08	1.00
Merced	0.09	0.39	0.42	0.10	1.00
Modoc	0.04	0.36	0.54	0.06	1.00
Mono	0.03	0.37	0.35	0.25	1.00
Monterey	0.10	0.27	0.48	0.15	1.00
Napa	0.11	0.33	0.50	0.06	1.00
Nevada	0.03	0.29	0.49	0.19	1.00
Orange	0.12	0.19	0.48	0.21	1.00
Placer	0.07	0.30	0.48	0.15	1.00
Plumas	0.01	0.27	0.60	0.12	1.00
Riverside	0.08	0.25	0.36	0.31	1.00
Sacramento	0.12	0.37	0.30	0.21	1.00
San Benito	0.04	0.21	0.52	0.23	1.00
San Bernardino	0.10	0.27	0.30	0.33	1.00
San Diego	0.16	0.24	0.50	0.10	1.00
San Francisco	--	0.84	0.09	0.07	1.00
San Joaquin	0.14	0.40	0.32	0.14	1.00
San Luis Obispo	0.07	0.33	0.54	0.06	1.00
San Mateo	0.14	0.25	0.49	0.12	1.00
Santa Barbara	0.06	0.30	0.47	0.17	1.00
Santa Clara	0.11	0.26	0.47	0.16	1.00
Santa Cruz	0.08	0.27	0.50	0.15	1.00
Shasta	0.07	0.26	0.57	0.10	1.00
Sierra	0.01	0.63	0.25	0.11	1.00
Siskiyou	0.08	0.34	0.53	0.05	1.00
Solano	0.18	0.32	0.27	0.23	1.00
Sonoma	0.09	0.33	0.47	0.11	1.00
Stanislaus	0.08	0.24	0.63	0.05	1.00
Sutter	0.09	0.33	0.48	0.10	1.00
Tehama	0.07	0.37	0.52	0.04	1.00
Trinity	--	0.37	0.57	0.06	1.00
Tulare	0.08	0.42	0.42	0.08	1.00
Tuolumne	0.01	0.39	0.53	0.07	1.00
Ventura	0.08	0.28	0.38	0.26	1.00
Yolo	0.25	0.25	0.40	0.10	1.00
Yuba	0.05	0.39	0.45	0.11	1.00

a/ Includes special assessments levied on limited categories of property to finance activities from which such properties derive special benefits.

b/ County levies for school purposes such as junior college tuition and countywide school levies are included with school levies.

Board of Equalization, Research and Statistics Division, (916) 445-0840

TABLE M-18

SENIOR CITIZENS AND DISABLED HOMEOWNER/RENTER PROPERTY TAX ASSISTANCE 1988

Household income class	Homeowners No. of claimants	Homeowners Amt. of assistance	Renters No. of claimants	Renters Amt. of assistance
Total	44,414	$3,713,937	178,417	$17,340,886
$1,000 or less	58	15,979	157	35,921
1,001-2,000	96	23,921	617	132,922
2,001-3,000	277	63,363	2,553	588,005
3,001-4,000	842	182,647	3,867	836,374
4,001-5,000	1,888	366,244	5,967	1,167,622
5,001-6,000	4,287	670,663	12,732	2,018,767
6,001-7,000	13,269	1,288,234	84,185	8,480,447
7,001-8,000	9,979	707,908	47,637	3,479,839
8,001-9,000	5,115	219,926	9,455	394,033
9,001-10,000	3,837	95,931	5,427	122,798
10,001-11,000	2,920	54,081	3,570	58,380
11,001-12,000	1,846	25,040	2,250	25,778

Assistance totals may not match those on Table M-19 due to rounding.

Franchise Tax Board
Research Section
(916) 369-3400

TABLE M-19

SENIOR CITIZENS AND DISABLED HOMEOWNER/RENTER PROPERTY TAX ASSISTANCE, 1988

County	Owners			Renters		
	Number of Claimants	Property Tax Paid	Amount of Assistance	Number of Claimants	Property Tax Paid	Amount of Assistance
Total	44,414	$13,573,541	$3,713,933	178,417	$44,604,250	$17,340,891
Alameda	2,399	794,955	224,106	8,196	2,049,000	809,455
Alpine	--	--	--	--	--	--
Amador	69	22,248	6,064	179	44,750	14,843
Butte	555	149,704	41,829	1,407	351,750	127,632
Calaveras	79	25,714	6,704	112	28,000	10,126
Colusa	45	9,951	2,448	100	25,000	9,783
Contra Costa	1,379	415,045	116,607	3,494	873,500	331,777
Del Norte	42	8,590	2,134	130	32,500	12,880
El Dorado	200	72,083	15,534	539	134,750	52,327
Fresno	1,716	409,082	134,975	5,052	1,263,000	465,300
Glenn	74	19,586	5,330	130	32,500	13,401
Humboldt	360	92,951	26,381	823	205,750	77,832
Imperial	62	13,143	3,954	299	74,750	28,719
Inyo	48	11,710	2,916	199	49,750	19,817
Kern	1,523	332,025	101,836	4,009	1,002,250	386,460
Kings	210	44,859	13,331	567	141,750	54,618
Lake	254	62,359	16,026	462	115,500	43,438
Lassen	59	16,878	4,118	84	21,000	7,559
Los Angeles	12,305	3,803,122	1,103,093	64,944	16,236,000	6,561,986
Madera	146	40,078	9,141	292	73,000	28,125
Marin	236	121,541	23,502	585	146,250	53,448
Mariposa	28	8,263	1,826	49	12,250	4,330
Mendocino	201	54,917	14,506	619	154,750	55,398
Merced	406	93,580	28,467	1,014	253,500	97,456
Modoc	21	4,838	1,234	56	14,000	5,605
Mono	6	1,308	251	4	1,000	305
Monterey	323	105,582	26,747	1,246	311,500	116,351
Napa	190	58,815	15,614	546	136,500	45,150
Nevada	148	52,576	12,774	275	68,750	23,205
Orange	2,082	738,268	164,758	6,917	1,729,250	661,168
Placer	253	81,086	19,853	875	218,750	79,580
Plumas	39	12,912	3,464	121	30,250	10,700
Riverside	1,580	489,969	125,825	5,118	1,279,500	484,791
Sacramento	1,863	489,336	137,663	6,980	1,745,000	661,212
San Benito	46	14,398	4,066	80	20,000	7,013
San Bernardino	2,188	560,736	156,051	6,359	1,589,750	608,602
San Diego	2,658	872,989	220,467	12,179	3,044,750	1,155,259
San Francisco	1,218	442,306	117,201	9,565	2,391,250	912,767
San Joaquin	1,050	267,890	74,738	5,320	1,330,000	540,883
San Luis Obispo	338	115,928	26,510	1,021	255,250	97,784
San Mateo	971	428,922	99,842	2,083	520,750	190,033
Santa Barbara	407	157,411	43,667	1,512	378,000	142,651
Santa Clara	1,613	563,184	155,668	5,996	1,499,000	567,960
Santa Cruz	425	149,753	40,126	1,590	397,500	144,797
Shasta	408	113,653	31,351	1,374	343,500	117,605
Sierra	17	4,090	1,514	17	4,250	1,933
Siskiyou	168	39,053	11,267	359	89,750	34,538
Solano	316	92,875	24,468	1,525	381,250	144,754
Sonoma	655	238,730	58,731	1,829	457,250	167,603
Stanislaus	850	209,049	65,400	2,641	660,250	253,762
Sutter	130	33,012	9,093	513	128,250	48,096
Tehama	153	33,725	9,987	309	77,250	28,280
Trinity	31	10,349	2,595	57	14,250	5,149
Tulare	589	128,235	39,556	1,618	404,500	158,574
Tuolumne	78	26,078	6,247	236	59,000	20,794
Ventura	597	224,465	52,878	2,954	738,500	270,541
Yolo	235	64,408	17,664	1,156	289,000	110,537
Yuba	140	38,359	11,034	672	168,000	64,721
Unclassified	232	86,869	20,801	2,029	507,250	191,478

Assistance totals may not match those on Table M-18 due to rounding.

Franchise Tax Board, Research Section, (916) 369-3400

SECTION N

LAW ENFORCEMENT

This section presents summary tables showing the number and procedural movement of persons under commitment to the two State correctional agencies, the Departments of Corrections and Youth Authority.

TABLE N-1

OFFENSE GROUPS OF FELONS IN CALIFORNIA PRISONS 1987 AND 1988

Offense	1987 Total	1987 Men	1987 Women	1988 Total	1988 Men	1988 Women
Total known offenses	64,715	61,012	3,703	73,740	69,340	4,400
Homicide	8,772	8,296	476	9,687	9,171	516
Robbery	10,393	10,026	367	10,787	10,378	409
Assault	5,001	4,811	190	5,548	5,314	234
Rape	2,182	2,178	4	2,162	2,158	4
Other sex	4,184	4,123	61	4,587	4,523	64
Kidnapping	1,175	1,151	24	1,285	1,256	29
Burglary	11,845	11,384	461	12,436	11,930	506
Theft, except vehicle	5,189	4,547	642	5,955	5,169	786
Vehicle theft	1,305	1,276	29	1,605	1,564	41
Forgery/fraud	1,071	774	297	1,072	767	305
Other property	272	197	75	267	211	56
Drugs	11,179	10,216	963	15,922	14,600	1,322
All others	2,147	2,033	114	2,427	2,299	128

TABLE N-2

MOVEMENT OF PRISON POPULATION, CALIFORNIA, 1988

Movement	Men	Women
Population, January 1	62,823	4,152
Received	81,497	7,850
Committed by court	28,192	2,896
Returned for parole violations	40,884	3,189
Returned from escape	568	60
Returned from court	5,672	823
County diagnostic cases	2,141	246
From other State/Federal	188	2
All other	3,852	634
Released	73,042	7,109
Discharged at expiration of sentence	1,120	57
Paroled	56,071	4,960
Died	91	1
Executed	0	0
Escaped	823	115
Taken to court	6,515	931
County diagnostic cases	2,151	257
To other State/Federal	177	3
All other	6,094	785
Population, December 31	71,278	4,893
Net increase during year	8,455	741

Source agency for tables N1 and N2:
Department of Corrections
Offender Information Services
(916) 323-3639

TABLE N-3

TIME SERVED IN PRISON
FELONS FIRST RELEASED TO PAROLE BY OFFENSE, 1988
(In months)

	Total time served			Time served in CDC institutions		Preconfinement time	
	Number	Mean	Median	Mean	Median	Mean	Median
Total Felons, known offenses	31,875	22.7	16.4	16.0	11.3	6.7	5.1
Violent Offenses	8,429	32.3	24.2	24.6	18.2	7.7	6.0
Murder 1st	44	166.9	161.6	160.2	155.3	6.7	6.3
Murder 2nd	3	64.2	37.0	59.1	31.9	5.1	5.1
Manslaughter	422	39.9	36.5	27.8	27.2	12.1	9.3
Manslaughter by vehicle	138	27.5	26.7	21.4	22.0	6.1	4.7
Attempted murder	142	59.4	58.8	49.7	50.9	9.7	7.9
Robbery	3,734	28.7	22.5	21.7	16.9	7.0	5.6
Assault w/deadly weapon	1,795	27.1	22.6	18.9	16.0	8.2	6.6
Other assault	319	24.2	20.1	15.9	13.4	8.3	6.7
Rape	562	43.8	39.1	36.1	33.3	7.7	5.8
Lewd act/w child	797	35.9	36.0	28.9	31.0	7.0	5.0
Other sex	330	38.2	26.9	30.2	21.5	8.0	5.4
Kidnapping	143	44.7	37.1	35.7	28.8	9.0	8.3
Property Offenses	12,671	20.0	14.6	13.7	10.1	6.3	4.5
Burglary 1st	3,464	26.5	20.5	19.2	15.2	7.3	5.3
Burglary 2nd	2,725	17.9	12.8	12.0	8.6	5.9	4.2
Grand theft	1,262	17.1	13.2	10.8	8.5	6.3	4.7
Petty theft with prior	1,552	17.4	11.8	12.2	8.4	5.2	3.4
Rec. stolen property	1,128	17.5	13.5	11.0	8.5	6.5	5.0
Other theft	173	15.7	12.9	9.9	8.9	5.8	4.0
Grand theft auto	364	16.5	13.5	11.0	9.4	5.5	4.1
Vehicle theft	1,212	18.1	12.6	12.2	8.4	5.9	4.2
Forgery and checks	791	17.7	14.2	11.8	10.2	5.9	4.0
Drug Offenses	9,304	18.4	15.1	11.8	10.0	6.6	5.1
Controlled substances schedules I & II	6,330	18.7	15.2	12.1	10.2	6.6	5.0
Controlled substances schedules III, IV, V	1,833	18.4	15.1	11.9	10.0	6.5	5.1
Marijuana	1,029	16.4	14.5	9.6	9.0	6.8	5.5
Other drugs	112	20.7	14.6	16.0	11.1	4.7	3.5
Other Offenses	1,471	18.9	14.9	12.9	10.3	6.0	4.6
Escape	82	21.3	13.9	14.5	9.5	6.8	4.4
Drunk driving	285	15.8	13.8	10.6	10.1	5.2	3.7
Arson	143	22.6	18.6	14.1	10.4	8.5	8.2
Possession of weapon	688	19.2	14.5	13.6	10.4	5.6	4.1
Other	273	18.7	15.5	12.2	10.2	6.5	5.3

Department of Corrections
Offender Information Services Branch
(916) 323-3639

TABLE N-4

MOVEMENT OF YOUTH AUTHORITY PAROLE POPULATION, 1985 TO 1988

Movement	1985	1986	1987	1988 a/
On parole, January 1	6,490	5,735	4,443	3,744
Received on parole	3,584	2,776	2,785 r/	4,155
Removed from parole	4,339	4,068	3,484	2,900
Ordered returned	1,480	1,633	1,491	1,105
Discharged	2,859	2,435	1,993	1,795
Not on violation	1,580	1,435	1,211	1,114
On violation	1,279	1,000	782	681
On parole, December 31	5,735	4,443	3,744 r/	4,999 b/
Net change during year	-755	-1,293	-699	+1,255
Percent change from prior year	-11.6	-22.5	-15.7	+33.5

a/ As of January 1988, commitments placed in Youth Authority institutions by the Department of Corrections could be put under Youth Authority parole supervision.
b/ Due to inadequate data collection of Department of Corrections parolees under Youth Authority supervision, this number is overstated.
r/ Revised

TABLE N-5

MOVEMENT OF POPULATION IN INSTITUTIONS HOUSING YOUTH AUTHORITY OFFENDERS a/, 1985 TO 1988

Movement	1985	1986	1987	1988
Population, January 1	6,345	7,139	8,289	8,822
Received	8,021	7,862	7,614 r/	7,310
Committed by court b/	3,755	3,835	3,641 r/	3,776
Returned from parole	1,449	1,587	1,501	1,106
Parole detention	845	738	952	921
Other	1,972	1,702	1,520	1,507
Released	7,227	6,712	7,081	7,377
Paroled	3,232	2,508	2,517	3,396
To California supervision (CYA)	3,166	2,442	2,451	3,321
To Dept. of Corrections parole	--	--	--	2
To out-of-state supervision	66	66	66	73
Escaped b/	208	164	121	110
Discharged or otherwise released	2,940	3,310	3,529	2,929
Parole detention	847	730	914	942
Population, December 31	7,139	8,289	8,822 r/	8,755
Net change during year	+794	+1,155	+533	-67
Percent change from prior year	12.5	16.2	6.4	-0.8

a/ Includes wards in Youth Authority and Department of Corrections and Federal institutions, excluding wards in other State or local facilities.
b/ Includes California Department of Corrections commitments placed in Youth Authority Institutions under Welfare and Institutions Code Section 1731.5(c), as well as direct Youth Authority commitments.
r/ Revised

Source agency for Tables N-4 and N-5:
Department of the Youth Authority
Information Systems Bureau
(916) 427-4836

SECTION O

ELECTIONS

Information relating to registrations and voting is presented in this section. In the interest of space the data are limited to registrations by principal political parties, the total vote cast, and a statement of the vote for major candidates at the November 1986 and 1988 General Elections. A complete accounting of registrations, the vote for all candidates (including representatives in Congress, State senators, assemblymen and judicial officers) and the vote cast for and against all ballot propositions is given by the Secretary of State in Statement of Vote, a booklet issued after each primary and general election.

TABLE O-1

REGISTRATION AND VOTE CAST IN CALIFORNIA, 1986 AND 1988

	1986 Primary Election	1986 General Election	1988 Primary Election	1988 General Election
Registration, total	12,208,084	12,833,920	12,537,207	14,004,873
Democratic	6,256,506	6,524,496	6,380,397	7,052,368
Republican	4,612,751	4,912,581	4,782,248	5,406,127
Other	1,338,827	1,396,843	1,374,562	1,546,378
American Independent	143,585	148,356	146,072	163,685
Libertarian Party	52,660	53,267	45,983	49,075
Peace and Freedom Party	42,365	44,257	45,207	47,890
Miscellaneous non-qualified	30,669	32,835	29,785	29,501
Declined-to-state	1,069,548	1,118,128	1,107,515	1,256,227
Vote cast	4,937,941	7,617,142	6,037,468	10,194,539

TABLE O-2

STATEMENT OF VOTE a/ FOR ELECTED OFFICIALS, 1986 AND 1988

Democratic		Republican	
Candidate	Vote	Candidate	Vote
1986:			
	PARTISAN		
	Governor		
Tom Bradley	2,781,714	George Deukmejian	4,506,601
	Lieutenant Governor		
Leo T. McCarthy	3,957,831	Mike Curb	3,118,758
	Secretary of State		
March Fong Eu	4,971,230	Bruce Nestande	1,908,864
	Controller		
Gray Davis	3,673,432	Bill Campbell	3,149,359
	Treasurer		
Jesse M. Unruh	5,589,633	No Candidate	
	Attorney General		
John Van de Kamp	4,691,142	Bruce Gleason	2,118,627
	Member, State Board of Equalization		
First District			
William M. Bennett	1,062,676	Gene Prat	745,649
Second District			
Conway H. Collis	918,090	Claude W. Parrish	724,618
Third District			
Mark F. Buckley	591,281	Ernest J. Dronenburg, Jr.	1,025,565
Fourth District			
Paul Carpenter	797,399	H. Stanley Jones	514,848
	United States Senator		
Alan Cranston	3,646,672	Ed Zschau	3,541,804
1988:			
	United States President		
Michael S. Dukakis Lloyd Bentsen	4,702,233	George Bush Dan Quayle	5,054,917
	United States Senator		
Leo McCarthy	4,287,253	Pete Wilson	5,143,409
1986:			
	NON-PARTISAN		
	Superintendent of Public Instruction		
Bill Honig	3,307,988		
Jeanne Baird	492,523		
Daniel Nusbaum	438,445		

a/ For candidates and vote of minor parties see booklet Statement of Vote, compiled by the Secretary of State.

Source agency for tables O1 and O2: Secretary of State, Elections, (916) 445-0820

TABLE O-3

VOTER REGISTRATION, BY COUNTY, CALIFORNIA, OCTOBER 11, 1988

County	Eligible	Registered	Democratic	Republican	American Independent	Libertarian	Peace & Freedom	Miscellaneous	Declined-to-state
Total	19,051,776	14,004,873	7,052,368	5,406,127	163,685	49,075	47,890	29,501	1,256,227
Distribution	100.00%	73.51%	50.36%	38.60%	1.17%	0.35%	0.34%	0.21%	8.97%
Alameda	888,936	695,813	439,918	169,212	7,534	2,176	3,340	1,873	71,760
Alpine	768	779	304	321	14	5	6	0	129
Amador	20,865	15,637	7,967	6,328	220	40	24	676	382
Butte	130,021	98,717	44,197	42,456	1,479	377	377	234	9,597
Calaveras	21,563	17,250	8,044	7,729	180	56	43	254	944
Colusa	10,438	6,888	3,414	2,894	89	9	17	5	460
Contra Costa	530,511	452,500	233,500	167,964	5,262	1,251	1,180	388	42,955
Del Norte	16,285	10,912	5,378	3,727	290	27	65	3	1,422
El Dorado	82,671	69,042	31,053	30,439	1,007	204	168	242	5,929
Fresno	404,388	291,273	162,694	106,246	3,351	552	729	1,886	15,815
Glenn	15,471	10,836	5,029	4,706	159	20	17	5	900
Humboldt	82,632	68,278	40,195	21,053	873	185	311	20	5,641
Imperial	53,172	36,240	19,890	12,341	538	68	145	49	3,209
Inyo	12,356	10,169	4,144	4,998	153	19	25	91	739
Kern	342,892	227,022	108,321	98,188	3,241	633	538	283	15,818
Kings	56,004	33,520	18,031	12,057	571	35	92	7	2,727
Lake	41,039	26,801	14,660	9,648	292	58	49	0	2,094
Lassen	17,978	11,346	5,764	4,180	233	22	22	20	1,105
Los Angeles	5,732,003	3,767,094	2,090,442	1,314,490	36,480	13,042	15,162	7,092	290,386
Madera	52,804	35,303	18,925	13,510	459	52	80	24	2,253
Marin	177,601	146,879	76,593	49,900	1,465	691	470	135	17,625
Mariposa	11,190	8,666	3,925	3,609	160	30	47	33	862
Mendocino	50,181	42,038	22,901	13,341	528	166	322	83	4,697
Merced	107,186	61,531	35,112	20,451	868	85	166	24	4,825
Modoc	6,289	5,376	2,524	2,322	86	14	22	2	406
Mono	5,758	5,211	1,896	2,353	105	21	22	0	814
Monterey	208,786	145,094	72,879	52,976	2,060	411	539	875	15,354
Napa	78,582	62,062	31,675	24,115	773	155	152	254	4,938
Nevada	53,658	46,111	18,832	21,708	530	355	165	2	4,519
Orange	1,517,751	1,183,166	410,644	650,348	12,020	6,209	2,663	961	100,321
Placer	105,497	94,145	43,924	40,906	1,176	380	259	18	7,482
Plumas	14,265	11,218	5,685	4,272	162	30	34	5	1,030
Riverside	660,910	490,790	221,965	224,655	6,029	1,357	1,038	1,950	33,796
Sacramento	669,980	556,943	308,214	195,956	6,230	1,419	1,471	408	43,245
San Benito	21,503	14,684	7,462	5,600	195	40	42	27	1,318
San Bernardino	803,211	571,775	249,258	264,444	8,491	1,542	1,532	1,557	44,951
San Diego	1,481,457	1,258,868	501,306	586,566	17,719	5,186	3,787	1,012	143,292
San Francisco	554,796	435,545	284,483	79,006	4,485	2,028	2,933	1,247	61,363
San Joaquin	319,332	205,114	112,277	76,055	2,403	391	486	1,182	12,320
San Luis Obispo	170,447	115,097	46,993	53,486	1,751	401	414	427	11,625
San Mateo	449,543	335,781	175,980	115,186	4,045	1,210	1,026	276	38,058
Santa Barbara	256,316	196,021	84,636	84,663	2,643	645	772	307	22,355
Santa Clara	1,025,080	757,855	382,349	274,270	9,047	3,436	2,214	1,519	85,020
Santa Cruz	165,800	132,816	77,620	38,724	1,462	767	802	145	13,296
Shasta	99,145	67,377	31,764	28,959	1,012	143	143	26	5,330
Sierra	2,575	2,257	1,109	840	34	11	6	4	253
Siskiyou	29,938	23,993	12,310	8,898	431	46	101	21	2,186
Solano	187,403	147,656	80,773	48,225	2,074	357	426	40	15,761
Sonoma	256,295	218,117	120,878	73,233	2,375	708	1,103	446	19,374
Stanislaus	218,645	147,834	78,928	55,395	2,166	286	462	505	10,092
Sutter	39,872	27,546	11,406	13,871	368	60	71	5	1,765
Tehama	33,402	24,270	12,060	9,298	562	45	61	317	1,927
Trinity	9,634	8,096	3,894	2,996	209	57	48	144	748
Tulare	191,367	118,236	58,370	48,321	1,788	250	350	59	9,098
Tuolumne	34,813	26,820	13,677	10,490	350	66	78	29	2,130
Ventura	395,804	328,458	134,522	155,647	4,050	967	971	2,056	30,245
Yolo	90,707	73,358	40,799	23,598	920	217	221	241	7,362
Yuba	34,260	22,649	10,875	8,957	488	62	81	7	2,179

Secretary of State
Elections Division
(916) 445-0820

TABLE O-4

REGISTRATION AND VOTE CAST IN CALIFORNIA AT THE GENERAL ELECTION, BY COUNTY, NOVEMBER 8, 1988

County	Precincts	Eligible to register	Registered to vote	Votes cast				
				Precinct voters	Absentee voters	Total voters	Percent of registered	Percent of eligible
Total	25,414	19,051,776	14,002,275	8,759,686	1,434,853	10,194,539	72.81	53.51
Distribution			73.50%	85.93%	14.07%			
Alameda	1,007	888,936	693,267	430,233	62,608	492,841	71.09	55.44
Alpine	5	768	779	473	104	577	74.07	75.13
Amador	27	20,865	15,637	10,914	1,728	12,642	80.85	60.59
Butte	206	130,021	98,717	65,851	8,879	74,730	75.70	57.48
Calaveras	34	21,563	17,250	10,890	2,972	13,862	80.36	64.29
Colusa	15	10,438	6,886	4,386	909	5,295	76.90	50.73
Contra Costa	968	530,511	452,491	286,725	54,424	341,149	75.39	64.31
Del Norte	16	16,285	10,912	5,678	2,133	7,811	71.58	47.96
El Dorado	89	82,671	69,042	43,746	8,755	52,501	76.04	63.51
Fresno	709	404,388	291,273	165,905	29,644	195,549	67.14	48.36
Glenn	25	15,471	10,836	8,316	1,160	9,476	87.45	61.25
Humboldt	121	82,632	68,278	46,212	7,007	53,219	77.94	64.40
Imperial	76	53,172	36,240	22,105	2,562	24,667	68.07	46.39
Inyo	45	12,356	10,169	6,848	1,155	8,003	78.70	64.77
Kern	501	342,892	227,022	139,033	17,315	156,348	68.87	45.60
Kings	74	56,004	33,520	19,688	2,987	22,675	67.65	40.49
Lake	58	41,039	26,801	16,894	3,117	20,011	74.67	48.76
Lassen	25	17,978	11,346	7,953	1,134	9,087	80.09	50.55
Los Angeles	6,247	5,732,003	3,767,094	2,453,298	279,931	2,733,229	72.56	47.68
Madera	61	52,804	35,303	21,299	3,417	24,716	70.01	46.81
Marin	195	177,601	146,879	98,621	21,415	120,036	81.72	67.59
Mariposa	20	11,190	8,666	5,769	1,412	7,181	82.86	64.17
Mendocino	69	50,181	42,038	27,779	3,891	31,670	75.34	63.11
Merced	87	107,186	61,531	30,313	6,301	36,614	59.50	34.16
Modoc	21	6,289	5,376	3,589	639	4,228	78.65	67.23
Mono	13	5,758	5,211	3,250	669	3,919	75.21	68.06
Monterey	176	208,786	145,094	79,135	25,233	104,368	71.93	49.99
Napa	121	78,582	62,062	40,067	8,082	48,149	77.58	61.27
Nevada	108	53,658	46,111	31,681	6,214	37,895	82.18	70.62
Orange	2,374	1,517,751	1,183,166	824,391	81,408	905,799	76.56	59.68
Placer	187	105,497	94,145	60,382	12,238	72,620	77.14	68.84
Plumas	27	14,265	11,218	7,500	1,709	9,209	82.09	64.56
Riverside	893	660,910	490,790	299,310	42,875	342,185	69.72	51.77
Sacramento	1,010	669,980	556,943	354,370	49,573	403,943	72.53	60.29
San Benito	30	21,503	14,684	8,538	1,920	10,458	71.22	48.64
San Bernardino	880	803,211	571,775	364,623	35,553	400,176	69.99	49.82
San Diego	2,562	1,481,457	1,258,868	665,390	225,393	890,783	70.76	60.13
San Francisco	621	554,796	435,545	208,591	83,554	292,145	67.08	52.66
San Joaquin	427	319,332	205,114	124,130	18,602	142,732	69.59	44.70
San Luis Obispo	138	170,447	115,097	74,903	13,222	88,125	76.57	51.70
San Mateo	762	449,543	335,781	209,358	49,253	258,611	77.02	57.53
Santa Barbara	377	256,316	196,021	127,031	21,133	148,164	75.59	57.81
Santa Clara	1,361	1,025,080	757,855	485,306	67,924	553,230	73.00	53.97
Santa Cruz	239	165,800	132,816	88,024	18,064	106,088	79.88	63.99
Shasta	131	99,145	67,377	49,064	6,749	55,813	82.84	56.29
Sierra	13	2,575	2,257	1,347	444	1,791	79.35	69.55
Siskiyou	74	29,938	23,993	15,772	2,897	18,669	77.81	62.36
Solano	237	187,403	147,656	93,367	14,890	108,257	73.32	57.77
Sonoma	458	256,295	218,117	139,059	26,396	165,455	75.86	64.56
Stanislaus	237	218,645	147,793	71,329	29,873	101,202	68.48	46.29
Sutter	49	39,872	27,546	17,719	3,420	21,139	76.74	53.02
Tehama	49	33,402	24,270	16,518	2,019	18,537	76.38	55.50
Trinity	23	9,634	8,096	5,054	1,321	6,375	78.74	66.17
Tulare	233	191,367	118,236	71,378	10,099	81,477	68.91	42.58
Tuolumne	51	34,813	26,820	16,278	3,896	20,174	75.22	57.95
Ventura	668	395,804	328,458	211,582	36,769	248,351	75.61	62.75
Yolo	139	90,707	73,358	48,739	5,954	54,693	74.56	60.30
Yuba	45	34,260	22,649	13,982	1,908	15,890	70.16	46.38

Secretary of State
Elections Division
(916) 445-0820

SECTION P

COMPARATIVE FISCAL AND ECONOMIC DATA FOR THE STATES

Data in this section includes trends in taxes for the State since 1971. Fiscal year 1977-78 has been singled out due to the dramatic influence of Proposition 13. Also exhibited are tables comparing the individual states with regard to taxes in relation to personal income. Other economic, social, and demographic comparisons complete the section.

The major portion of information is supplied by the U.S. Department of Commerce, Bureau of the Census. Other Federal units, such as the Department of Labor and the Department of Defense, account for all but a few of the remaining tables.

The Department of Finance, Financial and Economic Research Unit, compiled the following tables and may be contacted at (916) 322-2263.

TABLE P-1

TOTAL TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	63.89	30
1971-72	71.61	27
1972-73	71.73	30
1973-74	70.08	30
1974-75	75.84	22
1975-76	77.23	21
1976-77	81.80	16
1977-78	86.70	13
1978-79	82.17	16
1979-80	84.94	8
1980-81	79.00	13
1981-82	75.63	17
1982-83	71.64	20
1983-84	76.76	22
1984-85	78.00	20
1985-86	72.90	25
1986-87	78.47	17

a/ Rankings are from high (1) to low.

TABLE P-2

TOTAL TAX REVENUE OF STATE AND LOCAL GOVERNMENT, CALIFORNIA, PER $1,000 OF PERSONAL INCOMEa/

Fiscal Year	Amount	National Rank
1970-71	137.33	8
1971-72	149.42	4
1972-73	149.09	5
1973-74	140.10	7
1974-75	145.91	3
1975-76	148.92	4
1976-77	154.93	3
1977-78	157.99	4
1978-79	120.63	25
1979-80	121.68	15
1980-81	114.92	18
1981-82	112.59	19
1982-83	108.32	24
1983-84	115.39	23
1984-85	116.82	18
1985-86	109.98	25
1986-87	116.80	17

a/ Rankings are from high (1) to low.
b/ Includes District of Columbia.

TABLE P-3

INDIVIDUAL INCOME TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOMEa/

Fiscal Year	Amount	National Rank
1970-71	14.26	18
1971-72	19.53	16
1972-73	18.48	20
1973-74	15.85	23
1974-75	19.48	18
1975-76	21.23	17
1976-77	23.53	17
1977-78	26.74	11
1978-79	23.91	17
1979-80	28.35	11
1980-81	25.39	12
1981-82	25.89	11
1982-83	24.62	17
1983-84	27.68	11
1984-85	28.99	9
1985-86	26.84	10
1986-87	30.42	9

a/ Rankings are from high (1) to low.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-4

GENERAL SALES TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOMEa/

Fiscal Year	Amount	National Rank
1970-71	20.25	28
1971-72	21.31	25
1972-73	21.44	24
1973-74	23.48	20
1974-75	26.81	13
1975-76	26.86	15
1976-77	28.03	15
1977-78	28.79	14
1978-79	28.44	14
1979-80	29.36	16
1980-81	27.98	12
1981-82	26.76	14
1982-83	25.00	17
1983-84	26.33	17
1984-85	26.09	17
1985-86	24.57	18
1986-87	23.97	20

a/ Rankings are from high (1) to low.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-5

TOTAL CALIFORNIA STATE TAXES PER CAPITAa/

Fiscal Year	Amount	National Rank	1984 $ b/
1974-75	451.48	8	917.46
1975-76	500.05	8	940.65
1976-77	574.95	7	1,017.43
1977-78	673.62	6	1,107.02
1978-79	720.54	6	1,084.01
1979-80	818.23	5	1,070.56
1980-81	866.37	6	1,016.75
1981-82	921.86	8	976.75
1982-83	884.24	10	915.84
1983-84	999.83	10	999.83
1984-85	1,098.14	9	1,046.55
1985-86	1,144.45	11	1,048.32
1986-87	1,293.81	8	1,147.81

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.

Source: U.S. Department of Commerce, Government Finances

TABLE P-6

TOTAL STATE AND LOCAL TAXES PER CAPITA, CALIFORNIAa/

Fiscal Year	Amount	National Rank b/	1984 $ c/
1970-71	603.22	3	1,580.35
1971-72	687.11	2	1,746.15
1972-73	738.84	2	1,805.13
1973-74	762.25	4	1,725.33
1974-75	868.62	2	1,765.13
1975-76	964.20	3	1,813.77
1976-77	1,088.92	3	1,926.95
1977-78	1,227.47	4	2,017.2:
1978-79	1,057.87	10	1,591.50
1979-80	1,172.23	7	1,533.73
1980-81	1,260.30	7	1,479.05
1981-82	1,372.38	6	1,454.10
1982-83	1,336.90	13	1,384.67
1983-84	1,503.07	12	1,503.07
1984-85	1,644.80	10	1,567.52
1985-86	1,726.57	11	1,581.54
1986-87	1,925.77	9	1,708.45

a/ Rankings are from high (1) to low.
b/ Includes District of Columbia.
c/ Based on California CPI, fiscal average.

Source: U.S. Department of Commerce, Government Finances

TABLE P-7

PROPERTY TAX REVENUE, CALIFORNIA STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOMEa/

Fiscal Year	Amount	National Rank b/
1973-74	62.84	6
1974-75	62.71	5
1975-76	64.13	6
1976-77	65.14	4
1977-78	63.57	5
1978-79	30.37	36
1979-80	28.41	34
1980-81	27.84	36
1981-82	28.86	32
1982-83	28.10	35
1983-84	29.58	31
1984-85	29.86	30
1985-86	28.72	32
1986-87	30.04	30

a/ Rankings are from high (1) to low.
b/ Includes District of Columbia.

Source: U.S. Department of Commerce, Government Finances

TABLE P-8

TOTAL TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. average
1	Alaska	130.71	174.5
2	Hawaii	111.42	148.8
3	New Mexico	109.19	145.8
4	Delaware	100.46	134.1
5	Minnesota	97.38	130.0
6	Wisconsin	96.40	128.7
7	Wyoming	94.20	125.8
8	Mississippi	91.03	121.5
9	Kentucky	89.59	119.6
10	Washington	88.91	118.7
11	West Virginia	88.13	117.7
12	Arizona	87.49	116.8
13	CALIFORNIA	86.70	115.8
14	Louisiana	85.40	114.0
15	Maine	84.78	113.2
16	South Carolina	84.30	112.6
17	Vermont	83.10	111.0
18	Idaho	82.06	109.6
19	New York	80.94	108.1
20	Utah	80.69	107.7
21	North Carolina	79.55	106.2
22	Massachusetts	78.66	105.0
23	Michigan	78.28	104.5
24	Arkansas	77.98	104.1
25	Nevada	77.21	103.1
26	Maryland	76.75	102.5
27	Alabama	76.59	102.3
28	North Dakota	76.56	102.2
29	Pennsylvania	75.83	101.2
	UNITED STATES	74.90	100.0
30	Oklahoma	73.78	98.5
31	Montana	72.57	96.9
32	Rhode Island	72.37	96.6
33	Georgia	71.93	96.0
34	Iowa	70.81	94.5
35	Oregon	69.60	92.9
36	Tennessee	68.52	91.5
37	Florida	66.63	89.0
38	Indiana	66.54	88.8
39	Virginia	66.27	88.5
40	Illinois	66.11	88.3
41	Nebraska	64.84	86.6
42	Colorado	64.64	86.3
43	Kansas	63.34	84.6
44	Connecticut	61.88	82.6
45	Texas	61.76	82.5
46	New Jersey	58.71	78.4
47	Missouri	55.86	74.6
48	Ohio	54.54	72.8
49	South Dakota	54.48	72.7
50	New Hampshire	43.34	57.9

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-9

TOTAL TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	111.89	159.4
2	Hawaii	107.34	152.9
3	Delaware	99.17	141.3
4	Wyoming	97.40	138.7
5	New Mexico	93.21	132.8
6	West Virginia	90.20	128.5
7	Minnesota	87.78	125.0
8	Maine	85.86	122.3
9	Wisconsin	85.25	121.4
10	Washington	84.20	119.9
11	Kentucky	84.02	119.7
12	South Carolina	82.78	117.9
13	Massachusetts	81.89	116.7
14	New York	81.15	115.6
15	North Carolina	79.16	112.8
16	Utah	78.65	112.0
17	CALIFORNIA	78.47	111.8
18	Arizona	77.58	110.5
19	Mississippi	76.20	108.5
20	Nevada	76.08	108.4
21	Vermont	74.50	106.1
22	Rhode Island	73.89	105.3
23	Idaho	73.75	105.1
24	Michigan	72.95	103.9
25	Arkansas	71.92	102.5
	UNITED STATES	70.20	100.0
26	Alabama	70.14	99.9
27	Iowa	69.96	99.7
28	Connecticut	69.74	99.3
29	Maryland	69.14	98.5
30	Louisiana	68.45	97.5
31	North Dakota	67.71	96.5
32	Pennsylvania	67.17	95.7
33	New Jersey	66.88	95.3
34	Indiana	66.04	94.1
35	Oklahoma	65.75	93.7
36	Georgia	64.86	92.4
37	Ohio	64.86	92.4
38	Tennessee	62.51	89.0
39	Oregon	62.16	88.5
40	Virginia	61.98	88.3
41	Montana	61.14	87.1
42	Illinois	57.93	82.5
43	Kansas	57.86	82.4
44	Florida	57.59	82.0
45	Missouri	56.43	80.4
46	Nebraska	54.80	78.1
47	Colorado	51.47	73.3
48	Texas	49.93	71.1
49	South Dakota	49.78	70.9
50	New Hampshire	34.44	49.1

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-10

STATE AND LOCAL GENERAL REVENUE FROM OWN SOURCES PER $1,000 OF PERSONAL INCOME FISCAL YEARS 1978, 1986, 1987

State	1977-78	1985-86	1986-87	Percent of U.S. average 1986-87	Rank 1977-78	Rank 1985-86	Rank 1986-87
Alaska	275.14	651.86	520.50	321.6	1	1	1
Wyoming	220.73	333.38	307.32	189.9	2	2	2
New Mexico	196.50	231.48	217.41	134.3	4	3	3
New York	207.93	202.46	207.64	128.3	3	4	4
Minnesota	186.66	187.35	195.34	120.7	6	7	5
Utah	171.79	195.02	189.83	117.3	17	5	6
Delaware	165.82	182.25	189.65	117.2	23	9	7
District of Columbia	158.59	185.10	189.53	117.1	28	8	8
Oregon	178.20	175.80	182.60	112.8	12	14	9
Montana	184.02	191.58	180.87	111.8	7	6	10
Louisiana	171.37	179.00	178.47	110.3	18	10	11
North Dakota	182.92	177.95	175.42	108.4	8	11	12
Hawaii	176.56	173.63	173.66	107.3	14	16	13
Arizona	178.58	177.74	173.59	107.3	10	12	14
Wisconsin	178.23	176.05	173.20	107.0	11	13	15
Vermont	182.90	170.88	170.85	105.6	9	17	16
Mississippi	167.39	167.10	169.71	104.9	20	19	17
Michigan	163.19	174.65	168.97	104.4	25	15	18
Rhode Island	156.09	157.90	166.78	103.1	29	25	19
Iowa	154.15	162.30	165.91	102.5	31	22	20
Maine	164.43	156.99	165.44	102.2	24	28	21
West Virginia	143.91	168.99	164.60	101.7	41	18	22
Colorado	168.60	153.78	163.64	101.1	19	32	23
CALIFORNIA	191.95	156.30	163.61	101.1	5	30	24
South Carolina	151.43	159.66	163.42	101.0	32	23	25
Kansas	151.14	152.54	162.93	100.7	33	33	26
Nevada	177.55	162.34	162.32	100.3	13	21	27
UNITED STATES	162.26	159.58	161.83	100.0			
Nebraska	166.24	155.44	161.13	99.6	22	31	28
Washington	171.90	162.40	159.57	98.6	16	20	29
Georgia	155.24	157.30	157.54	97.3	30	27	30
Alabama	147.94	157.86	156.12	96.5	35	26	31
South Dakota	159.44	156.81	152.64	94.3	27	29	32
Maryland	167.05	149.32	152.43	94.2	21	36	33
Kentucky	145.79	152.24	152.36	94.1	38	34	34
Massachusetts	175.61	150.56	151.57	93.7	15	35	35
New Jersey	149.85	146.63	151.52	93.6	34	40	36
North Carolina	138.74	145.81	151.41	93.6	45	41	37
Texas	141.88	148.13	151.13	93.4	43	38	38
Oklahoma	147.30	158.22	151.03	93.3	37	24	39
Idaho	162.33	137.94	150.97	93.3	26	48	40
Ohio	130.78	148.74	150.90	93.2	50	37	41
Pennsylvania	147.49	147.30	149.23	92.2	36	39	42
Florida	145.62	142.43	145.69	90.0	39	43	43
Indiana	134.43	142.92	144.04	89.0	48	42	44
Connecticut	138.57	139.58	143.19	88.5	46	45	45
Tennessee	145.24	140.39	141.85	87.7	40	44	46
Illinois	141.90	138.19	139.55	86.2	42	47	47
Virginia	141.88	132.08	136.69	84.5	44	49	48
Arkansas	136.80	139.06	136.26	84.2	47	46	49
New Hampshire	133.39	118.81	127.14	78.6	49	51	50
Missouri	125.36	125.20	126.15	78.0	51	50	51

Source: U.S. Department of Commerce
Bureau of the Census

TABLE P-11

TOTAL TAX REVENUE, STATE AND LOCAL GOVERNMENT, PER $1,000 PERSONAL INCOME, FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	174.82	152.3
2	Wyoming	173.29	151.0
3	New York	162.52	141.6
4	District of Columbia	157.69	137.4
5	Hawaii	133.89	116.6
6	Wisconsin	129.10	112.5
7	Minnesota	127.98	111.5
8	Maine	127.68	111.2
9	Utah	124.89	108.8
10	Vermont	123.76	107.8
11	Oregon	122.14	106.4
12	Michigan	120.90	105.3
13	Arizona	120.74	105.2
14	Rhode Island	119.33	104.0
15	Massachusetts	119.27	103.9
16	Delaware	118.79	103.5
17	CALIFORNIA	116.80	101.8
18	New Mexico	116.13	101.2
19	West Virginia	115.07	100.2
20	Washington	114.99	100.2
	UNITED STATES	114.79	100.0
21	Maryland	114.69	99.9
22	Montana	114.36	99.6
23	Iowa	113.95	99.3
24	Connecticut	113.85	99.2
25	New Jersey	113.48	98.9
26	North Carolina	110.97	96.7
27	South Carolina	110.67	96.4
28	Nevada	109.81	95.7
29	Pennsylvania	109.49	95.4
30	Ohio	108.66	94.7
31	Louisiana	108.64	94.6
32	Kentucky	107.66	93.8
33	Illinois	106.15	92.5
34	Colorado	106.09	92.4
35	Nebraska	106.02	92.4
36	Idaho	104.54	91.1
37	Georgia	103.98	90.6
38	Kansas	103.57	90.2
39	Virginia	102.51	89.3
40	Mississippi	101.90	88.8
41	North Dakota	101.20	88.2
42	South Dakota	101.19	88.2
43	Indiana	99.78	86.9
44	Texas	99.22	86.4
45	Oklahoma	98.21	85.6
46	Tennessee	97.35	84.8
47	Alabama	96.67	84.2
48	Florida	95.99	83.6
49	Arkansas	94.23	82.1
50	Missouri	91.07	79.3
51	New Hampshire	89.86	78.3

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-12

TOTAL STATE AND LOCAL TAXES PER CAPITA, FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	3,161.73	189.9
2	District of Columbia	3,078.23	184.9
3	New York	2,772.60	166.6
4	Wyoming	2,293.41	137.8
5	Connecticut	2,216.05	133.1
6	Massachusetts	2,105.39	126.5
7	New Jersey	2,099.24	126.1
8	Hawaii	1,955.00	117.4
9	CALIFORNIA	1,925.77	115.7
10	Minnesota	1,904.46	114.4
11	Maryland	1,903.67	114.4
12	Wisconsin	1,787.34	107.4
13	Michigan	1,775.60	106.7
14	Delaware	1,751.91	105.2
15	Rhode Island	1,720.18	103.3
16	Washington	1,697.18	102.0
	UNITED STATES	1,664.54	100.0
17	Illinois	1,650.21	99.1
18	Vermont	1,630.60	98.0
19	Nevada	1,621.52	97.4
20	Maine	1,614.18	97.0
21	Oregon	1,612.19	96.9
22	Colorado	1,602.02	96.2
23	Arizona	1,594.65	95.8
24	Pennsylvania	1,553.89	93.4
25	Virginia	1,548.23	93.0
26	Iowa	1,530.10	91.9
27	Ohio	1,509.44	90.7
28	Kansas	1,507.62	90.6
29	Nebraska	1,460.42	87.7
30	New Hampshire	1,389.11	83.5
31	Georgia	1,371.71	82.4
32	Montana	1,366.36	82.1
33	Florida	1,365.07	82.0
34	North Carolina	1,362.85	81.9
35	Utah	1,359.54	81.7
36	Texas	1,329.00	79.8
37	New Mexico	1,307.97	78.6
38	Indiana	1,304.21	78.4
39	North Dakota	1,275.50	76.6
40	Missouri	1,246.64	74.9
41	South Carolina	1,232.87	74.1
42	Louisiana	1,226.94	73.7
43	Oklahoma	1,218.41	73.2
44	West Virginia	1,216.60	73.1
45	Kentucky	1,210.38	72.7
46	South Dakota	1,193.78	71.7
47	Idaho	1,178.47	70.8
48	Tennessee	1,155.89	69.4
49	Alabama	1,087.65	65.3
50	Arkansas	1,036.56	62.3
51	Mississippi	990.03	59.5

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-13

PROPERTY TAX REVENUE OF STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOME, FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. average
1	Alaska	75.52	172.7
2	Massachusetts	71.82	164.2
3	Montana	66.21	151.4
4	Wyoming	64.26	146.9
5	CALIFORNIA	63.57	145.3
6	New York	61.92	141.6
7	New Hampshire	61.81	141.3
8	Vermont	61.15	139.8
9	New Jersey	59.64	136.4
10	South Dakota	54.18	123.9
11	Connecticut	53.94	123.3
12	Arizona	53.65	122.7
13	Rhode Island	53.27	121.8
14	Oregon	53.19	121.6
15	Nebraska	52.16	119.2
16	Maine	50.80	116.1
17	Wisconsin	47.59	108.8
18	Kansas	47.32	108.2
19	Michigan	45.99	105.1
20	Colorado	44.88	102.6
21	Iowa	44.37	101.4
	UNITED STATES	43.74	100.0
22	Minnesota	42.55	97.3
23	Illinois	41.88	95.8
24	Nevada	41.09	93.9
25	Washington	39.26	89.8
26	North Dakota	38.67	88.4
27	Texas	37.68	86.2
28	Maryland	37.15	84.9
29	Idaho	36.77	84.1
30	Utah	35.77	81.8
31	Indiana	35.65	81.5
32	Ohio	34.99	80.0
33	Florida	34.71	79.4
34	Georgia	32.45	74.2
35	District of Columbia	31.85	73.8
36	Virginia	30.99	70.8
37	Missouri	29.68	67.9
38	Tennessee	25.72	58.8
39	Mississippi	25.60	58.5
40	North Carolina	25.52	58.3
41	South Carolina	25.10	57.4
42	Hawaii	22.95	52.5
43	Arkansas	21.68	49.6
44	Pennsylvania	21.66	49.5
45	Oklahoma	21.63	49.4
46	New Mexico	21.39	48.9
47	Kentucky	20.51	46.9
48	West Virginia	20.09	45.9
49	Delaware	18.99	43.4
50	Louisiana	16.69	38.2
51	Alabama	12.42	28.4

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-14

PROPERTY TAX REVENUE OF STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOME, FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Wyoming	83.73	243.8
2	Alaska	65.66	191.1
3	New Hampshire	55.74	162.3
4	Montana	55.19	160.7
5	Oregon	54.19	157.8
6	Vermont	48.83	142.2
7	New York	46.86	136.4
8	Nebraska	46.19	134.5
9	New Jersey	45.70	133.0
10	Michigan	45.57	132.7
11	Rhode Island	45.29	131.8
12	District of Columbia	44.98	130.9
13	Wisconsin	44.55	129.7
14	Connecticut	43.27	126.0
15	Iowa	43.07	125.4
16	Maine	41.97	122.2
17	South Dakota	41.97	122.2
18	Texas	40.98	119.3
19	Kansas	38.69	112.6
20	Minnesota	38.47	112.0
21	Colorado	37.88	110.3
22	Illinois	36.64	106.7
23	Massachusetts	36.25	105.5
24	Utah	36.12	105.2
25	Arizona	35.43	103.1
	UNITED STATES	34.35	100.0
26	Washington	32.72	95.3
27	North Dakota	32.08	93.4
28	Indiana	31.87	92.8
29	Florida	31.84	92.7
30	CALIFORNIA	30.04	87.5
31	Ohio	29.78	86.7
32	Idaho	29.67	86.4
33	Pennsylvania	29.06	84.6
34	Virginia	28.44	82.8
35	Maryland	27.93	81.3
36	Georgia	26.33	76.7
37	South Carolina	25.82	75.2
38	Nevada	24.38	71.0
39	Mississippi	24.14	70.3
40	North Carolina	23.70	69.0
41	Hawaii	21.89	63.7
42	Tennessee	20.93	60.9
43	West Virginia	20.17	58.7
44	Missouri	19.83	57.7
45	Oklahoma	19.76	57.5
46	Kentucky	18.20	53.0
47	Arkansas	17.88	52.1
48	Louisiana	17.50	50.9
49	Delaware	16.34	47.6
50	New Mexico	13.56	39.5
51	Alabama	11.00	32.0

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-15

INDIVIDUAL INCOME TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	New York	41.03	190.0
2	Oregon	40.65	188.2
3	Massachusetts	38.50	178.2
4	Delaware	37.76	174.8
5	Minnesota	36.59	169.4
6	Hawaii	34.34	159.0
7	Wisconsin	33.42	154.7
8	North Carolina	32.58	150.8
9	CALIFORNIA	30.42	140.8
10	Utah	29.07	134.6
11	Maryland	28.98	134.2
12	Maine	28.20	130.6
13	Virginia	27.43	127.0
14	South Carolina	26.44	122.4
15	Georgia	26.18	121.2
16	Rhode Island	25.26	116.9
17	Iowa	25.10	116.2
18	West Virginia	23.77	110.0
19	Michigan	23.75	110.0
20	Idaho	23.59	109.2
21	Vermont	22.43	103.8
22	Kentucky	21.98	101.8
	UNITED STATES	21.60	100.0
23	Ohio	21.48	99.4
24	Colorado	20.79	96.2
25	Arkansas	20.38	94.4
26	Montana	20.14	93.2
27	Indiana	20.12	93.1
28	Alabama	19.33	89.5
29	New Jersey	18.34	84.9
30	Missouri	17.86	82.7
31	Kansas	17.60	81.5
32	Illinois	17.19	79.6
33	Arizona	17.04	78.9
34	Oklahoma	16.72	77.4
35	Nebraska	16.39	75.9
36	Pennsylvania	16.23	75.1
37	New Mexico	14.36	66.5
38	Mississippi	12.37	57.3
39	North Dakota	9.46	43.8
40	Louisiana	8.71	40.3
41	Connecticut	7.46	34.5
42	Tennessee	1.18	5.5
43	New Hampshire	0.53	2.5
44	Alaska	0.04	0.2
45	Florida	0.00	0.0
46	Nevada	0.00	0.0
47	South Dakota	0.00	0.0
48	Texas	0.00	0.0
49	Washington	0.00	0.0
50	Wyoming	0.00	0.0

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-16

GENERAL SALES TAX OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Hawaii	51.70	228.4
2	Washington	49.04	216.6
3	New Mexico	41.41	182.9
4	Mississippi	39.81	175.8
5	West Virginia	38.96	172.1
6	Nevada	37.19	164.3
7	Tennessee	34.60	152.8
8	Arizona	34.60	152.8
9	Florida	32.04	141.5
10	Indiana	31.15	137.6
11	South Carolina	30.81	136.1
12	Utah	30.58	135.1
13	Maine	29.28	129.3
14	Connecticut	29.17	128.8
15	Arkansas	27.24	120.3
16	Idaho	26.48	117.0
17	Wisconsin	24.82	109.6
18	Rhode Island	24.68	109.0
19	South Dakota	24.57	108.5
20	CALIFORNIA	23.97	105.9
21	Louisiana	23.61	104.3
22	Missouri	23.25	102.7
23	Minnesota	23.24	102.7
24	Wyoming	23.24	102.7
25	North Dakota	22.88	101.1
	UNITED STATES	22.64	100.0
26	Ohio	22.58	99.7
27	Iowa	21.71	95.9
28	Kentucky	21.29	94.0
29	Georgia	21.19	93.6
30	Pennsylvania	21.07	93.1
31	Michigan	20.93	92.4
32	New Jersey	20.52	90.6
33	Texas	20.46	90.4
34	Kansas	20.17	89.1
35	Alabama	19.24	85.0
36	Illinois	18.91	83.5
37	North Carolina	18.49	81.7
38	Massachusetts	18.06	79.8
39	Nebraska	17.79	78.6
40	Maryland	17.30	76.4
41	New York	16.76	74.0
42	Vermont	15.16	67.0
43	Oklahoma	15.12	66.8
44	Colorado	14.44	63.8
45	Virginia	12.37	54.6
46	Alaska	0.00	0.0
47	Delaware	0.00	0.0
48	Montana	0.00	0.0
49	New Hampshire	0.00	0.0
50	Oregon	0.00	0.0

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-17

TOTAL STATE TAXES PER CAPITA FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	2,023.60	199.0
2	Hawaii	1,567.34	154.1
3	Delaware	1,462.63	143.8
4	Massachusetts	1,445.58	142.1
5	New York	1,384.37	136.1
6	Connecticut	1,357.58	133.5
7	Minnesota	1,306.27	128.4
8	CALIFORNIA	1,293.81	127.2
9	Wyoming	1,289.12	126.7
10	Washington	1,242.70	122.2
11	New Jersey	1,237.15	121.6
12	Wisconsin	1,180.27	116.0
13	Maryland	1,147.63	112.8
14	Nevada	1,123.45	110.5
15	Maine	1,085.49	106.7
16	Michigan	1,071.43	105.3
17	Rhode Island	1,065.05	104.7
18	New Mexico	1,049.79	103.2
19	Arizona	1,024.65	100.7
	UNITED STATES	1,017.11	100.0
20	Vermont	981.58	96.5
21	North Carolina	972.27	95.6
22	West Virginia	953.71	93.8
23	Pennsylvania	953.31	93.7
24	Kentucky	944.57	92.9
25	Iowa	939.35	92.4
26	Virginia	936.07	92.0
27	South Carolina	922.18	90.7
28	Ohio	901.07	88.6
29	Illinois	900.49	88.5
30	Indiana	863.17	84.9
31	Utah	856.15	84.2
32	Georgia	855.62	84.1
33	North Dakota	853.37	83.9
34	Kansas	842.28	82.8
35	Idaho	831.36	81.7
36	Oregon	820.51	80.7
37	Florida	818.95	80.5
38	Oklahoma	815.77	80.2
39	Arkansas	791.07	77.8
40	Alabama	789.17	77.6
41	Colorado	777.15	76.4
42	Louisiana	773.06	76.0
43	Missouri	772.54	76.0
44	Nebraska	754.92	74.2
45	Tennessee	742.19	73.0
46	Mississippi	740.34	72.8
47	Montana	730.53	71.8
48	Texas	668.76	65.8
49	South Dakota	587.29	57.7
50	New Hampshire	532.37	52.3

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-18

TOTAL STATE EXPENDITURES PER CAPITA, FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	8,411.80	448.1
2	Wyoming	3,325.84	177.2
3	New York	2,665.05	142.0
4	Hawaii	2,413.84	128.6
5	Delaware	2,412.20	128.5
6	Massachusetts	2,393.72	127.5
7	North Dakota	2,357.64	125.6
8	Rhode Island	2,290.77	122.0
9	CALIFORNIA	2,258.63	120.3
10	New Jersey	2,238.65	119.3
11	New Mexico	2,204.31	117.4
12	Washington	2,199.56	117.2
13	Minnesota	2,167.91	115.5
14	Vermont	2,104.83	112.1
15	Montana	2,098.22	111.8
16	Connecticut	2,075.86	110.6
17	Michigan	2,042.48	108.8
18	West Virginia	2,024.12	107.8
19	Nevada	1,995.62	106.3
20	Wisconsin	1,961.18	104.5
21	Utah	1,941.94	103.4
22	Maine	1,926.95	102.6
23	Ohio	1,924.38	102.5
24	Maryland	1,921.56	102.4
25	Louisiana	1,896.39	101.0
26	Oregon	1,886.89	100.5
	UNITED STATES	1,877.24	100.0
27	South Dakota	1,807.29	96.3
28	Iowa	1,790.69	95.4
29	Arizona	1,743.77	92.9
30	South Carolina	1,739.71	92.7
31	Pennsylvania	1,723.47	91.8
32	Kentucky	1,699.45	90.5
33	Oklahoma	1,683.94	89.7
34	Colorado	1,655.48	88.2
35	Virginia	1,641.75	87.5
36	Illinois	1,625.00	86.6
37	Idaho	1,608.38	85.7
38	North Carolina	1,580.12	84.2
39	Alabama	1,551.06	82.6
40	Indiana	1,508.20	80.3
41	Mississippi	1,507.05	80.3
42	Kansas	1,465.61	78.1
43	Georgia	1,456.24	77.6
44	Arkansas	1,454.45	77.5
45	Nebraska	1,431.89	76.3
46	New Hampshire	1,403.60	74.8
47	Missouri	1,390.32	74.1
48	Tennessee	1,367.92	72.9
49	Texas	1,293.54	68.9
50	Florida	1,283.06	68.3

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-19

TOTAL STATE AND LOCAL EXPENDITURES PER CAPITA FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	11,281.00	354.2
2	District of Columbia	7,053.60	221.4
3	Wyoming	4,950.70	155.4
4	New York	4,683.19	147.0
5	Washington	3,801.68	119.3
6	Minnesota	3,757.84	118.0
7	CALIFORNIA	3,745.21	117.6
8	Massachusetts	3,602.27	113.1
9	Colorado	3,449.35	108.3
10	New Jersey	3,431.21	107.7
11	Nebraska	3,430.65	107.7
12	Arizona	3,384.63	106.3
13	Utah	3,357.23	105.4
14	Michigan	3,333.05	104.6
15	Nevada	3,288.28	103.2
16	Delaware	3,287.45	103.2
17	Oregon	3,281.17	103.0
18	Montana	3,250.48	102.0
19	Connecticut	3,236.94	101.6
20	Hawaii	3,191.38	100.2
	UNITED STATES	3,185.37	100.0
21	North Dakota	3,170.28	99.5
22	Wisconsin	3,154.33	99.0
23	Rhode Island	3,113.13	97.7
24	Maryland	3,083.50	96.8
25	Vermont	3,065.18	96.2
26	New Mexico	2,988.37	93.8
27	Ohio	2,921.58	91.7
28	Louisiana	2,911.94	91.4
29	Georgia	2,891.52	90.8
30	Illinois	2,885.05	90.6
31	Tennessee	2,859.07	89.8
32	Texas	2,816.11	88.4
33	Kansas	2,814.32	88.4
34	Iowa	2,814.05	88.3
35	Pennsylvania	2,791.53	87.6
36	Florida	2,748.58	86.3
37	South Dakota	2,743.78	86.1
38	Maine	2,737.33	85.9
39	Virginia	2,641.42	82.9
40	West Virginia	2,635.14	82.7
41	Oklahoma	2,627.92	82.5
42	North Carolina	2,624.11	82.4
43	South Carolina	2,555.63	80.2
44	New Hampshire	2,476.00	77.7
45	Alabama	2,474.57	77.7
46	Indiana	2,425.04	76.1
47	Kentucky	2,382.52	74.8
48	Idaho	2,360.81	74 1
49	Missouri	2,328.67	73.1
50	Mississippi	2,305.57	72.4
51	Arkansas	2,184.99	68.6

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-20

STATE AND LOCAL DIRECT EXPENDITURES PER CAPITA FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	9,955.54	370.7
2	District of Columbia	5,162.88	192.3
3	Wyoming	4,423.76	164.7
4	New York	3,900.17	145.2
5	Minnesota	3,280.78	122.2
6	CALIFORNIA	3,057.57	113.9
7	New Jersey	3,034.49	113.0
8	Massachusetts	2,993.25	111.5
9	Delaware	2,989.62	111.3
10	Connecticut	2,925.43	108.9
11	Michigan	2,898.05	107.9
12	North Dakota	2,896.26	107.9
13	Montana	2,881.25	107.3
14	Wisconsin	2,843.03	105.9
15	Colorado	2,835.33	105.6
16	Hawaii	2,831.30	105.4
17	Nevada	2,809.75	104.6
18	Oregon	2,809.61	104.6
19	Arizona	2,802.83	104.4
20	Rhode Island	2,788.35	103.8
21	Washington	2,777.01	103.4
22	Maryland	2,762.37	102.9
23	Vermont	2,749.23	102.4
24	New Mexico	2,694.09	100.3
	UNITED STATES	2,685.33	100.0
25	Utah	2,545.33	94.8
26	South Dakota	2,543.77	94.7
27	Illinois	2,518.55	93.8
28	Iowa	2,514.54	93.6
29	Kansas	2,491.71	92.8
30	Nebraska	2,477.98	92.3
31	Maine	2,474.82	92.2
32	Louisiana	2,468.83	91.9
33	Ohio	2,434.66	90.7
34	Virginia	2,399.54	89.4
35	Georgia	2,396.69	89.3
36	Florida	2,351.37	87.6
37	Pennsylvania	2,350.02	87.5
38	Texas	2,323.95	86.5
39	West Virginia	2,247.68	83.7
40	New Hampshire	2,237.55	83.3
41	Oklahoma	2,215.49	82.5
42	Indiana	2,161.73	80.5
43	South Carolina	2,120.76	79.0
44	Kentucky	2,086.28	77.7
45	Idaho	2,082.20	77.5
46	North Carolina	2,077.80	77.4
47	Tennessee	2,077.62	77.4
48	Alabama	2,075.14	77.3
49	Missouri	2,067.97	77.0
50	Mississippi	2,026.37	75.5
51	Arkansas	1,906.62	71.0

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-21

STATE AND LOCAL DIRECT GENERAL EXPENDITURES FOR EDUCATION PER $1,000 OF PERSONAL INCOME, FISCAL YEAR 1986-87

Rank	State	Amount	Percent of U.S. average
1	Alaska	131.20	204.3
2	Wyoming	122.01	190.0
3	Utah	97.71	152.1
4	Montana	90.03	140.2
5	New Mexico	89.30	139.1
6	North Dakota	85.79	133.6
7	Vermont	83.88	130.6
8	Arizona	81.06	126.2
9	Oregon	80.66	125.6
10	West Virginia	79.41	123.7
11	South Carolina	79.38	123.6
12	Delaware	77.91	121.3
13	Wisconsin	76.81	119.6
14	Minnesota	76.00	118.3
15	Mississippi	75.72	117.9
16	Michigan	74.02	115.3
17	Iowa	73.81	114.9
18	North Carolina	73.24	114.0
19	Idaho	72.48	112.9
20	Arkansas	72.05	112.2
21	Nebraska	71.66	111.6
22	South Dakota	70.50	109.8
23	Texas	70.06	109.1
24	Maine	69.72	108.6
25	Alabama	69.46	108.2
26	Indiana	69.27	107.9
27	Colorado	68.69	107.0
28	Washington	68.38	106.5
29	Louisiana	67.79	105.6
30	Oklahoma	67.73	105.5
31	New York	66.63	103.8
32	Kansas	65.90	102.6
	UNITED STATES	64.22	100.0
33	Ohio	64.21	100.0
34	Kentucky	63.94	99.6
35	Georgia	63.67	99.1
36	Virginia	62.08	96.7
37	Rhode Island	61.70	96.1
38	CALIFORNIA	59.23	92.2
39	Tennessee	59.00	91.9
40	Pennsylvania	58.49	91.1
41	Missouri	57.80	90.0
42	Maryland	56.37	87.8
43	Illinois	55.54	86.5
44	Nevada	54.22	84.4
45	New Jersey	53.88	83.9
46	Florida	52.83	82.3
47	New Hampshire	52.29	81.4
48	Hawaii	51.90	80.8
49	Massachusetts	48.43	75.4
50	District of Columbia	46.69	72.7
51	Connecticut	45.59	71.0

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-22

PER CAPITA DISTRIBUTION OF FEDERAL FUNDS, FISCAL YEAR 1987-88

	Rank a/					
State	Total	Grants to State and Local Government	Wages and Salaries	Direct Payments for Individuals	Procurement	Other
Virginia	1	47	3	9	2	20
New Mexico	2	12	5	34	1	24
Alaska	3	1	1	50	8	44
Maryland	4	30	4	7	4	8
Hawaii	5	28	2	33	22	30
North Dakota	6	4	9	26	41	1
Massachusetts	7	9	35	6	5	16
Connecticut	8	20	40	28	3	13
Missouri	9	40	23	10	6	10
Washington	10	22	8	23	12	15
Colorado	11	41	6	45	7	11
Mississippi	12	13	30	20	10	23
South Dakota	13	7	15	22	48	4
Nebraska	14	27	21	21	44	2
Montana	15	5	20	19	47	5
CALIFORNIA	16	37	17	39	9	27
Kansas	17	43	14	16	31	7
Rhode Island	18	6	26	4	27	37
Arizona	19	46	25	14	13	41
Alabama	20	36	13	12	19	33
Florida	21	50	31	1	24	48
Wyoming	22	2	16	48	32	21
Iowa	23	34	48	18	42	3
Idaho	24	19	32	38	15	9
Utah	25	33	7	49	11	29
New York	26	3	42	13	25	25
Maine	27	11	33	11	20	46
Oklahoma	28	32	10	15	39	14
Pennsylvania	29	18	36	3	33	36
Nevada	30	48	28	35	14	49
Minnesota	31	14	47	44	23	6
Tennessee	32	26	29	30	17	42
Delaware	33	16	24	27	28	40
South Carolina	34	39	11	40	21	45
West Virginia	35	10	46	2	46	50
New Jersey	36	31	34	17	26	47
Arkansas	37	35	41	5	34	19
Ohio	38	29	44	24	18	34
Oregon	39	17	38	8	38	26
Texas	40	49	22	47	16	22
New Hampshire	41	42	19	42	29	43
Georgia	42	23	12	46	35	38
Kentucky	43	21	27	25	50	39
Louisiana	44	15	39	41	30	28
Vermont	45	8	43	37	37	31
Illinois	46	38	37	32	45	12
North Carolina	47	44	18	43	40	35
Wisconsin	48	24	50	29	43	17
Indiana	49	45	45	36	36	18
Michigan	50	25	49	31	49	32

a/ States are ranked from largest per capita amount (1), to smallest (50).

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-23

TOTAL AREA, 1980

Rank	State	Square miles
1	Alaska	591,004
2	Texas	266,807
3	CALIFORNIA	158,706
4	Montana	147,046
5	New Mexico	121,593
6	Arizona	114,000
7	Nevada	110,561
8	Colorado	104,091
9	Wyoming	97,809
10	Oregon	97,073
11	Utah	84,899
12	Minnesota	84,402
13	Idaho	83,564
14	Kansas	82,277
15	Nebraska	77,355
16	South Dakota	77,116
17	North Dakota	70,702
18	Oklahoma	69,956
19	Missouri	69,697
20	Washington	68,139
21	Georgia	58,910
22	Florida	58,664
23	Michigan	58,527
24	Illinois	56,345
25	Iowa	56,275
26	Wisconsin	56,153
27	Arkansas	53,187
28	North Carolina	52,669
29	Alabama	51,705
30	New York	49,108
31	Louisiana	47,752
32	Mississippi	47,689
33	Pennsylvania	45,308
34	Tennessee	42,144
35	Ohio	41,330
36	Virginia	40,767
37	Kentucky	40,410
38	Indiana	36,185
39	Maine	33,265
40	South Carolina	31,113
41	West Virginia	24,232
42	Maryland	10,460
43	Vermont	9,614
44	New Hampshire	9,279
45	Massachusetts	8,284
46	New Jersey	7,787
47	Hawaii	6,471
48	Connecticut	5,018
49	Delaware	2,045
50	Rhode Island	1,212
51	District of Columbia	69

TABLE P-24

RESIDENT POPULATION, 1988

Rank	State	Thous.
1	CALIFORNIA	28,314
2	New York	17,909
3	Texas	16,841
4	Florida	12,335
5	Pennsylvania	12,001
6	Illinois	11,614
7	Ohio	10,855
8	Michigan	9,240
9	New Jersey	7,721
10	North Carolina	6,489
11	Georgia	6,342
12	Virginia	6,015
13	Massachusetts	5,889
14	Indiana	5,556
15	Missouri	5,141
16	Tennessee	4,895
17	Wisconsin	4,855
18	Washington	4,648
19	Maryland	4,622
20	Louisiana	4,408
21	Minnesota	4,307
22	Alabama	4,102
23	Kentucky	3,727
24	Arizona	3,489
25	South Carolina	3,470
26	Colorado	3,301
27	Oklahoma	3,242
28	Connecticut	3,233
29	Iowa	2,834
30	Oregon	2,767
31	Mississippi	2,620
32	Kansas	2,495
33	Arkansas	2,395
34	West Virginia	1,876
35	Utah	1,690
36	Nebraska	1,602
37	New Mexico	1,507
38	Maine	1,205
39	Hawaii	1,098
40	New Hampshire	1,085
41	Nevada	1,054
42	Idaho	1,003
43	Rhode Island	993
44	Montana	805
45	South Dakota	713
46	North Dakota	667
47	Delaware	660
48	District of Columbia	617
49	Vermont	557
50	Alaska	524
51	Wyoming	479

TABLE P-25

HOUSEHOLDS, 1987

Rank	State	Thous.
1	CALIFORNIA	10,076
2	New York	6,722
3	Texas	5,960
4	Florida	4,787
5	Pennsylvania	4,447
6	Illinois	4,271
7	Ohio	4,035
8	Michigan	3,355
9	New Jersey	2,807
10	North Carolina	2,390
11	Georgia	2,258
12	Massachusetts	2,190
13	Virginia	2,171
14	Indiana	2,049
15	Missouri	1,940
16	Tennessee	1,820
17	Wisconsin	1,785
18	Washington	1,761
19	Maryland	1,656
20	Minnesota	1,585
21	Louisiana	1,566
22	Alabama	1,483
23	Kentucky	1,366
24	Colorado	1,255
25	Oklahoma	1,244
26	Arizona	1,240
27	South Carolina	1,199
28	Connecticut	1,189
29	Oregon	1,074
30	Iowa	1,072
31	Kansas	943
32	Mississippi	909
33	Arkansas	895
34	West Virginia	707
35	Nebraska	608
36	New Mexico	533
37	Utah	518
38	Maine	447
39	Nevada	397
40	New Hampshire	391
41	Rhode Island	369
42	Idaho	357
43	Hawaii	345
44	Montana	303
45	South Dakota	264
46	District of Columbia	248
47	North Dakota	247
48	Delaware	238
49	Vermont	204
50	Wyoming	177
51	Alaska	175

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-26

UNEMPLOYMENT RATE, CIVILIAN, 1988

Rank	State	Percent
1	Louisiana	10.9
2	West Virginia	9.9
3	Alaska	9.3
4	Mississippi	8.4
5	Kentucky	7.9
6	New Mexico	7.8
7	Arkansas	7.7
8	Michigan	7.6
9	Texas	7.3
10	Alabama	7.2
11	Illinois	6.8
12	Montana	6.8
13	Oklahoma	6.7
14	Colorado	6.4
15	Arizona	6.3
16	Wyoming	6.3
17	Washington	6.2
18	Ohio	6.0
19	Georgia	5.8
20	Idaho	5.8
21	Oregon	5.8
22	Tennessee	5.8
23	Missouri	5.7
	UNITED STATES	5.5
24	CALIFORNIA	5.3
25	Indiana	5.3
26	Nevada	5.2
27	Pennsylvania	5.1
28	Florida	5.0
29	Utah	4.9
30	Kansas	4.8
31	North Dakota	4.8
32	Iowa	4.5
33	Maryland	4.5
34	South Carolina	4.5
35	Wisconsin	4.3
36	New York	4.2
37	Minnesota	4.0
38	South Dakota	3.9
39	Virginia	3.9
40	Maine	3.8
41	New Jersey	3.8
42	Nebraska	3.6
43	North Carolina	3.6
44	Massachusetts	3.3
45	Delaware	3.2
46	Hawaii	3.2
47	Rhode Island	3.1
48	Connecticut	3.0
49	Vermont	2.8
50	New Hampshire	2.4

TABLE P-27

NONAGRICULTURAL EMPLOYMENT, 1988 a/

Rank	State	Thous.
	UNITED STATES	105,584
1	CALIFORNIA	12,075
2	New York	8,184
3	Texas	6,647
4	Florida	5,080
5	Illinois	5,078
6	Pennsylvania	5,034
7	Ohio	4,683
8	Michigan	3,798
9	New Jersey	3,648
10	Massachusetts	3,120
11	North Carolina	2,968
12	Georgia	2,879
13	Virginia	2,781
14	Indiana	2,398
15	Missouri	2,237
16	Wisconsin	2,149
17	Maryland	2,092
18	Tennessee	2,066
19	Minnesota	2,022
20	Washington	1,936
21	Connecticut	1,674
22	Alabama	1,550
23	Louisiana	1,502
24	South Carolina	1,448
25	Colorado	1,426
26	Arizona	1,411
27	Kentucky	1,370
28	Iowa	1,156
29	Oregon	1,152
30	Oklahoma	1,133
31	Kansas	1,033
32	Mississippi	895
33	Arkansas	860
34	Nebraska	688
35	Utah	660
36	West Virginia	611
37	New Mexico	540
38	Nevada	538
39	New Hampshire	528
40	Maine	521
41	Hawaii	477
42	Rhode Island	456
43	Idaho	349
44	Delaware	330
45	Montana	279
46	South Dakota	264
47	North Dakota	256
48	Vermont	253
49	Alaska	212
50	Wyoming	183

a/ Wage and salary employment in nonagricultural establishments

TABLE P-28

MANUFACTURING EMPLOYMENT, 1988

Rank	State	Thous.
	UNITED STATES	19,403
1	CALIFORNIA	2,148
2	New York	1,208
3	Ohio	1,103
4	Pennsylvania	1,056
5	Illinois	972
6	Texas	959
7	Michigan	947
8	North Carolina	867
9	New Jersey	666
10	Indiana	633
11	Massachusetts	586
12	Georgia	574
13	Wisconsin	551
14	Florida	541
15	Tennessee	508
16	Missouri	429
17	Virginia	427
18	Minnesota	394
19	South Carolina	384
20	Alabama	379
21	Connecticut	373
22	Washington	339
23	Kentucky	274
24	Mississippi	239
25	Arkansas	228
26	Iowa	227
27	Oregon	214
28	Maryland	209
29	Arizona	190
30	Colorado	189
31	Kansas	181
32	Louisiana	170
33	Oklahoma	163
34	New Hampshire	119
35	Rhode Island	114
36	Maine	108
37	Utah	99
38	Nebraska	95
39	West Virginia	87
40	Delaware	70
41	Idaho	58
42	Vermont	50
43	New Mexico	40
44	South Dakota	31
45	Nevada	25
46	Hawaii	22
47	Montana	21
48	North Dakota	16
49	Alaska	15
50	Wyoming	9

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE P-29

MANUFACTURING AS A PERCENT OF NONAGRICULTURAL EMPLOYMENT, 1988

Rank	State	Percent
1	North Carolina	29.2
2	Mississippi	26.7
3	Arkansas	26.6
4	South Carolina	26.5
5	Indiana	26.4
6	Wisconsin	25.6
7	Rhode Island	25.0
8	Michigan	24.9
9	Tennessee	24.6
10	Alabama	24.5
11	Ohio	23.6
12	New Hampshire	22.5
13	Connecticut	22.3
14	Delaware	21.1
15	Pennsylvania	21.0
16	Maine	20.7
17	Kentucky	20.0
18	Georgia	19.9
19	Vermont	19.7
20	Iowa	19.7
21	Minnesota	19.5
22	Missouri	19.2
23	Illinois	19.1
24	Massachusetts	18.8
25	Oregon	18.6
	UNITED STATES	18.4
26	New Jersey	18.3
27	CALIFORNIA	17.8
28	Kansas	17.6
29	Washington	17.5
30	Idaho	16.7
31	Virginia	15.4
32	Utah	15.0
33	New York	14.8
34	Texas	14.4
35	Oklahoma	14.4
36	West Virginia	14.2
37	Nebraska	13.8
38	Arizona	13.5
39	Colorado	13.3
40	South Dakota	11.7
41	Louisiana	11.3
42	Florida	10.6
43	Maryland	10.0
44	Montana	7.5
45	New Mexico	7.4
46	Alaska	7.0
47	North Dakota	6.3
48	Wyoming	4.9
49	Hawaii	4.7
50	Nevada	4.7

Source: U.S. Department of Labor
Bureau of Labor Statistics

TABLE P-30

EXPORT-RELATED MANUFACTURING EMPLOYMENT, 1984

Rank	State	Thous.
	UNITED STATES	2,179
1	CALIFORNIA	271
2	New York	151
3	Ohio	144
4	Pennsylvania	127
5	Michigan	118
6	Texas	117
7	Illinois	117
8	Massachusetts	91
9	New Jersey	79
10	Indiana	72
11	North Carolina	69
12	Connecticut	60
13	Wisconsin	54
14	Washington	48
15	Florida	48
16	Minnesota	47
17	Missouri	43
18	Georgia	42
19	Tennessee	42
20	Virginia	37
21	South Carolina	34
22	Alabama	31
23	Colorado	27
24	Kentucky	26
25	Arizona	26
26	Oregon	25
27	Maryland	24
28	Iowa	20
29	Oklahoma	19
30	Louisiana	19
31	Kansas	17
32	Arkansas	16
33	Mississippi	15
34	New Hampshire	14
35	Rhode Island	12
36	West Virginia	11
37	Utah	11
38	Maine	11
39	Nebraska	9
40	Delaware	9
41	Vermont	7
42	Idaho	5
43	New [illegible]	3
44	Ala[illegible]	2
45	Ne[illegible]	2
46	N[illegible]	2
47	S[illegible]	2
48	[illegible]	1
49	Hawaii	1
50	District of Columbia	1
51	Wyoming	1

Source: U.S. Dept. of Commerce
Bureau of the Census

TABLE P-31

EXPORT-RELATED AS PERCENT OF TOTAL MANUFACTURING EMPLOYMENT, 1984

Rank	State	Percent
1	Alaska	26.7
2	Washington	17.2
3	Arizona	15.9
4	Vermont	15.2
5	Connecticut	14.4
6	Colorado	14.0
7	Massachusetts	13.8
8	CALIFORNIA	13.3
9	West Virginia	13.1
10	Oregon	13.0
11	Ohio	12.8
12	Delaware	12.8
13	Minnesota	12.7
14	Michigan	12.5
15	Utah	12.1
16	Texas	12.0
17	New Hampshire	11.9
18	Indiana	11.8
	UNITED STATES	11.4
19	North Dakota	11.4
20	Pennsylvania	11.3
21	New York	11.2
22	Oklahoma	11.0
23	Illionis	11.0
24	Wisconsin	10.7
25	Maryland	10.7
26	New Jersey	10.6
27	Rhode Island	10.5
28	Nevada	10.5
29	Missouri	10.4
30	Kentucky	10.3
31	Maine	10.3
32	Louisiana	10.2
33	Florida	10.2
34	Iowa	10.1
35	Nebraska	10.0
36	New Mexico	9.9
37	Idaho	9.7
38	South Carolina	9.4
39	Kansas	9.2
40	Alabama	9.1
41	Virginia	9.0
42	Tennessee	8.7
43	North Carolina	8.3
44	Arkansas	8.1
45	Georgia	7.7
46	Mississippi	7.0
47	South Dakota	6.7
48	Montana	6.3
49	Wyoming	5.9
50	District of Columbia	3.9
51	Hawaii	3.1

Source: U.S. Dept. of Commerce
Bureau of the Census

TABLE P-32

VALUE ADDED BY MANUFACTURE, 1986
(In millions)

Rank	State	Amount
	UNITED STATES	$1,035,821
1	CALIFORNIA	112,968
2	New York	73,259
3	Ohio	66,167
4	Illinois	58,621
5	Michigan	56,879
6	Texas	56,073
7	Pennsylvania	52,089
8	North Carolina	42,162
9	New Jersey	37,867
10	Indiana	34,976
11	Massachusetts	33,945
12	Georgia	28,764
13	Wisconsin	28,639
14	Missouri	24,045
15	Virginia	24,010
16	Tennessee	23,625
17	Florida	23,081
18	Connecticut	21,413
19	Minnesota	19,759
20	South Carolina	16,472
21	Kentucky	15,909
22	Washington	15,668
23	Alabama	15,560
24	Iowa	13,219
25	Louisiana	12,641
26	Maryland	12,371
27	Kansas	11,699
28	Colorado	10,397
29	Oregon	9,908
30	Arizona	9,509
31	Arkansas	9,164
32	Oklahoma	9,002
33	Mississippi	8,974
34	Nebraska	5,363
35	New Hampshire	5,249
36	Utah	4,993
37	Maine	4,777
38	West Virginia	4,775
39	Rhode Island	4,439
40	Delaware	3,020
41	Idaho	2,611
42	Vermont	2,209
43	New Mexico	1,932
44	South Dakota	1,496
45	District of Columbia	1,302
46	Hawaii	1,174
47	Nevada	1,156
48	Montana	907
49	North Dakota	715
50	Alaska	501
51	Wyoming	370

Source: U.S. Department of Commerce,
Bureau of the Census

TABLE P-33

AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING, 1988

Rank	State	Amount	Percent of U.S. average
1	Michigan	$13.43	131.9
2	Alaska	12.28	120.6
3	Ohio	12.00	117.9
4	Washington	11.83	116.2
5	Indiana	11.38	111.8
6	Illinois	11.03	108.3
7	Louisiana	10.91	107.2
8	New Jersey	10.88	106.9
9	CALIFORNIA	10.86 a/	106.7
10	Connecticut	10.81	106.2
11	West Virginia	10.72	105.3
12	Iowa	10.64	104.5
13	Oregon	10.64	104.5
14	Wisconsin	10.64	104.5
15	Montana	10.63	104.4
16	Minnesota	10.56	103.7
17	Delaware	10.48	102.9
18	Maryland	10.47	102.8
19	New York	10.43	102.5
20	Oklahoma	10.35	101.7
21	Pennsylvania	10.27	100.9
22	Colorado	10.26	100.8
23	Massachusetts	10.26	100.8
24	Kansas	10.19	100.1
	UNITED STATES	10.18	100.0
25	Missouri	10.17	99.9
26	Kentucky	10.15	99.7
27	Nevada	10.08	99.0
28	Texas	9.97	97.9
29	Idaho	9.93	97.5
30	Utah	9.93	97.5
31	Arizona	9.89	97.2
32	Wyoming	9.88	97.1
33	Hawaii	9.79	96.2
34	New Hampshire	9.73	95.6
35	Nebraska	9.49	93.2
36	Vermont	9.45	92.8
37	Virginia	9.35	91.8
38	Maine	9.31	91.5
39	Alabama	9.01	88.5
40	Tennessee	8.96	88.0
41	New Mexico	8.78	86.2
42	Georgia	8.68	85.3
43	Rhode Island	8.55	84.0
44	Florida	8.40	82.5
45	North Dakota	8.37	82.2
46	South Carolina	8.30	81.5
47	North Carolina	8.13	79.9
48	Arkansas	8.07	79.3
49	South Dakota	8.03	78.9
50	Mississippi	7.83	76.9

a/ California Employment Development Department
Source: U.S. Department of Labor
Bureau of Labor Statistics

TABLE P-34

GROSS STATE PRODUCT, 1986
(In millions)

Rank	State	Amount
	UNITED STATES	$4,191,705
1	CALIFORNIA	533,816
2	New York	362,736
3	Texas	303,510
4	Illinois	209,666
5	Pennsylvania	183,559
6	Florida	177,729
7	Ohio	176,102
8	New Jersey	154,765
9	Michigan	153,240
10	Massachusetts	115,526
11	Virginia	104,155
12	Georgia	102,922
13	North Carolina	100,961
14	Indiana	84,922
15	Missouri	83,534
16	Washington	77,683
17	Wisconsin	76,922
18	Maryland	76,504
19	Minnesota	75,626
20	Louisiana	74,426
21	Tennessee	72,328
22	Connecticut	70,639
23	Colorado	59,177
24	Alabama	55,007
25	Arizona	53,253
26	Kentucky	53,135
27	Oklahoma	49,814
28	South Carolina	44,727
29	Iowa	43,836
30	Kansas	42,472
31	Oregon	41,278
32	Mississippi	31,830
33	Arkansas	31,633
34	District of Columbia	28,791
35	Nebraska	26,521
36	West Virginia	24,096
37	Utah	24,008
38	New Mexico	23,603
39	Alaska	19,575
40	Nevada	19,426
41	Hawaii	19,320
42	New Hampshire	18,518
43	Maine	17,326
44	Rhode Island	15,205
45	Idaho	13,170
46	Montana	12,163
47	Delaware	11,706
48	Wyoming	11,673
49	North Dakota	10,733
50	South Dakota	9,802
51	Vermont	8,636

TABLE P-35

PERSONAL INCOME, 1988
(In millions)

Rank	State	Amount
	UNITED STATES	$4,052,992
1	CALIFORNIA	530,968
2	New York	345,741
3	Texas	245,647
4	Florida	204,788
5	Illinois	204,115
6	Pennsylvania	194,819
7	New Jersey	169,810
8	Ohio	168,635
9	Michigan	152,934
10	Massachusetts	122,593
11	Virginia	106,315
12	Georgia	96,779
13	North Carolina	92,822
14	Maryland	90,071
15	Indiana	82,924
16	Missouri	79,440
17	Washington	76,561
18	Wisconsin	75,362
19	Connecticut	74,553
20	Minnesota	71,807
21	Tennessee	67,909
22	Colorado	54,352
23	Louisiana	54,179
24	Alabama	52,720
25	Arizona	52,233
26	Kentucky	47,784
27	South Carolina	44,855
28	Oklahoma	43,192
29	Iowa	41,551
30	Oregon	41,180
31	Kansas	39,320
32	Arkansas	29,263
33	Mississippi	29,123
34	Nebraska	23,670
35	West Virginia	22,018
36	New Hampshire	21,090
37	Utah	20,604
38	New Mexico	18,814
39	Nevada	18,461
40	Hawaii	18,399
41	Maine	18,206
42	Rhode Island	16,769
43	Idaho	12,698
44	Delaware	11,659
45	Montana	10,352
46	Alaska	10,006
47	South Dakota	9,095
48	North Dakota	8,560
49	Vermont	8,530
50	Wyoming	6,523

TABLE P-36

PER CAPITA PERSONAL INCOME, 1988

Rank	State	Amount	Percent of U.S. average
1	Connecticut	$23,059	139.8
2	New Jersey	21,994	133.4
3	Massachusetts	20,816	126.2
4	Maryland	19,487	118.2
5	New Hampshire	19,434	117.9
6	New York	19,305	117.1
7	Alaska	19,079	115.7
8	CALIFORNIA	18,753	113.7
9	Virginia	17,675	107.2
10	Delaware	17,661	107.1
11	Illinois	17,575	106.6
12	Nevada	17,511	106.2
13	Rhode Island	16,892	102.4
14	Hawaii	16,753	101.6
15	Minnesota	16,674	101.1
16	Florida	16,603	100.7
17	Michigan	16,552	100.4
	UNITED STATES	16,489	100.0
18	Washington	16,473	99.9
19	Colorado	16,463	99.8
20	Pennsylvania	16,233	98.4
21	Kansas	15,759	95.6
22	Ohio	15,536	94.2
23	Wisconsin	15,524	94.1
24	Missouri	15,452	93.7
25	Vermont	15,302	92.8
26	Georgia	15,260	92.5
27	Maine	15,106	91.6
28	Arizona	14,970	90.8
29	Indiana	14,924	90.5
30	Oregon	14,885	90.3
31	Nebraska	14,774	89.6
32	Iowa	14,662	88.9
33	Texas	14,586	88.5
34	North Carolina	14,304	86.7
35	Tennessee	13,873	84.1
36	Wyoming	13,609	82.5
37	Oklahoma	13,323	80.8
38	South Carolina	12,926	78.4
39	Montana	12,866	78.0
40	Alabama	12,851	77.9
41	North Dakota	12,833	77.8
42	Kentucky	12,822	77.8
43	South Dakota	12,755	77.4
44	Idaho	12,665	76.8
45	New Mexico	12,488	75.7
46	Louisiana	12,292	74.5
47	Arkansas	12,219	74.1
48	Utah	12,193	73.9
49	West Virginia	11,735	71.2
50	Mississippi	11,116	67.4

Source: U.S. Department of Commerce, Bureau of Economic Analysis

TABLE P-37

RETAIL TRADE, 1987
(In millions)

Rank	State	Amount
1	CALIFORNIA	$186,413
2	New York	108,682
3	Texas	106,553
4	Florida	85,791
5	Pennsylvania	72,730
6	Illinois	71,233
7	Ohio	65,173
8	Michigan	57,406
9	New Jersey	54,844
10	Massachusetts	46,908
11	Virginia	40,131
12	Georgia	39,656
13	North Carolina	37,613
14	Indiana	34,272
15	Maryland	32,241
16	Missouri	31,999
17	Minnesota	28,903
18	Tennessee	28,652
19	Washington	27,613
20	Wisconsin	27,467
21	Connecticut	26,310
22	Louisiana	25,161
23	Colorado	22,021
24	Kentucky	20,622
25	Arizona	20,435
26	Alabama	20,161
27	Oklahoma	19,473
28	South Carolina	19,006
29	Iowa	16,425
30	Oregon	16,183
31	Kansas	14,357
32	Mississippi	12,445
33	Arkansas	12,130
34	West Virginia	10,247
35	New Hampshire	9,725
36	Nebraska	9,473
37	Maine	8,943
38	New Mexico	8,561
39	Utah	8,183
40	Nevada	8,027
41	Hawaii	7,393
42	Rhode Island	6,751
43	Idaho	5,253
44	Montana	4,654
45	Delaware	4,652
46	Vermont	4,344
47	North Dakota	4,337
48	Alaska	4,227
49	South Dakota	4,106
50	Wyoming	3,809
51	District of Columbia	3,403

Source: Market Statistics, New York, The Survey of Buying Power Data Service, annual (copyright)

TABLE P-38

AUTOMOBILES PER 1,000 POPULATION, 1987 a/b/c/

Rank	State	No.
1	New Hampshire	920
2	Connecticut	777
3	Florida	728
4	Tennessee	679
5	Iowa	667
6	New Jersey	635
7	Virginia	629
8	Oregon	627
9	Maryland	624
10	Ohio	624
11	Alabama	621
12	Kansas	613
13	Colorado	612
14	Delaware	599
15	Washington	599
16	Michigan	597
17	New Mexico	596
18	Vermont	595
19	Hawaii	591
20	Georgia	588
21	Indiana	586
22	Massachusetts	586
23	Maine	585
24	South Dakota	581
25	Oklahoma	579
26	CALIFORNIA	578
27	Montana	578
28	Nevada	577
29	Minnesota	565
30	North Dakota	564
31	North Carolina	559
32	Rhode Island	552
33	Nebraska	546
34	Idaho	537
35	Missouri	537
36	Illinois	525
37	Pennsylvania	525
38	Mississippi	523
39	South Carolina	520
40	Texas	506
41	Arizona	501
42	Wisconsin	500
43	Kentucky	493
44	New York	491
45	Wyoming	484
46	Utah	452
47	District of Columbia	447
48	Alaska	444
49	West Virginia	435
50	Louisiana	419
51	Arkansas	399

a/ Based on resident population as of July 1 b/ Estimate
c/ Includes taxis

Source: Federal Highway Administration

TABLE P-39

VISITORS TO STATE PARKS AND RECREATION AREAS, 1987

Rank	State	Thous.
	UNITED STATES	694,432
1	CALIFORNIA	72,857
2	Ohio	68,164
3	Washington	46,686
4	New York	37,514
5	Oregon	37,156
6	Pennsylvania	36,303
7	Illinois	35,190
8	Tennessee	24,343
9	Kentucky	24,210
10	Michigan	22,845
11	Hawaii	20,200
12	Texas	19,925
13	Oklahoma	15,656
14	Florida	14,290
15	Georgia	13,310
16	Missouri	12,442
17	Massachusetts	12,240
18	Wisconsin	11,275
19	Iowa	10,024
20	Indiana	9,885
21	New Jersey	9,599
22	West Virginia	9,129
23	Nebraska	8,413
24	Colorado	7,924
25	South Carolina	7,803
26	Connecticut	7,706
27	North Carolina	7,152
28	Arkansas	7,148
29	Maryland	6,890
30	New Mexico	6,791
31	Alabama	6,099
32	Minnesota	6,001
33	Rhode Island	5,807
34	South Dakota	5,579
35	Utah	5,350
36	Alaska	5,290
37	Kansas	4,452
38	Mississippi	4,434
39	Montana	4,195
40	New Hampshire	3,906
41	Virginia	3,635
42	Nevada	3,104
43	Delaware	2,738
44	Idaho	2,281
45	Arizona	2,088
46	Maine	2,072
47	Wyoming	1,856
48	North Dakota	950
49	Vermont	786
50	Louisiana	740

Source: National Association of State Park Directors

TABLE P-40

DEPARTMENT OF DEFENSE AND NASA PRIME CONTRACT AWARDS, 1988a/ (In millions $)

State	DOD	Rank	NASA	Rank
UNITED STATES	$125,767		$7,577.2	
CALIFORNIA	23,458	1	2,411.4	1
Virginia	10,238	2	318.3	8
Texas	9,001	3	913.1	2
New York	7,706	4	55.0	17
Massachusetts	7,212	5	64.0	15
Missouri	5,507	6	13.4	27
Florida	5,328	7	873.4	3
Ohio	5,060	8	159.6	9
Connecticut	4,911	9	76.1	14
Maryland	4,271	10	661.3	4
New Jersey	3,359	11	112.3	10
Pennsylvania	3,309	12	105.2	11
Colorado	2,891	13	86.6	12
Arizona	2,652	14	21.1	21
Washington	2,625	15	17.5	24
Mississippi	2,422	16	85.0	13
Minnesota	2,083	17	9.0	29
Alabama	1,826	18	546.8	5
District of Columbia	1,665	19	56.7	16
Georgia	1,616	20	15.7	25
Indiana	1,518	21	11.7	28
Illinois	1,500	22	15.3	26
Louisiana	1,439	23	332.2	7
Michigan	1,270	24	17.6	23
North Carolina	1,241	25	6.3	33
Tennessee	1,207	26	21.5	20
Kansas	950	27	20.7	22
Wisconsin	911	28	32.4	19
Utah	870	29	429.2	6
Arkansas	742	30	0.2	49
New Mexico	663	31	45.6	18
South Carolina	566	32	0.9	39
Iowa	561	33	7.9	30
Hawaii	541	34	6.9	32
Oklahoma	541	35	3.4	35
Maine	518	36	0.5	46
New Hampshire	481	37	7.4	31
Oregon	453	38	2.9	36
Rhode Island	429	39	2.5	38
Alaska	422	40	2.8	37
Kentucky	397	41	0.6	40
Nebraska	259	42	0.5	42
Delaware	233	43	3.6	34
West Virginia	218	44	0.3	48
Nevada	207	45	0.5	44
Vermont	122	46	0.5	43
North Dakota	117	47	0.1	51
Montana	80	48	0.3	47
Idaho	62	49	0.6	41
Wyoming	55	50	0.2	50
South Dakota	54	51	0.5	45

a/ U.S. Fiscal Year

Source: U.S. Department of Defense
National Aeronautics and Space Administration

TABLE P-41

DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL, 1987a/

Rank	State	Thous.	% of Nonag Employment b/
	UNITED STATES	979.3	1.0
1	CALIFORNIA	137.7	1.2
2	Virginia	108.6	4.1
3	Texas	67.0	1.0
4	Pennsylvania	57.3	1.2
5	Maryland	43.5	2.1
6	Georgia	40.2	1.4
7	Ohio	34.1	0.7
8	Florida	33.3	0.7
9	Washington	29.8	1.6
10	New Jersey	28.7	0.8
11	Alabama	27.4	1.8
12	Oklahoma	26.1	2.4
13	Utah	22.3	3.5
14	Illinois	22.1	0.4
15	Missouri	20.9	1.0
16	Hawaii	20.7	4.5
17	South Carolina	20.7	1.5
18	New York	19.5	0.2
19	District of Columbia	17.2	2.6
20	North Carolina	16.2	0.6
21	Indiana	15.2	0.7
22	Colorado	14.5	1.0
23	Kentucky	14.3	1.1
24	Michigan	12.9	0.3
25	Massachusetts	12.1	0.4
26	Mississippi	11.5	1.3
27	Arizona	10.7	0.8
28	Maine	10.6	2.1
29	New Mexico	10.1	1.9
30	Louisiana	9.1	0.6
31	Tennessee	7.7	0.4
32	Kansas	7.3	0.7
33	Alaska	5.5	2.6
34	Arkansas	5.0	0.6
35	Connecticut	4.9	0.3
36	Rhode Island	4.6	1.0
37	Nebraska	4.0	0.6
38	Wisconsin	3.3	0.2
39	Oregon	3.2	0.3
40	Minnesota	2.9	0.1
41	Nevada	2.2	0.4
42	Delaware	1.9	0.6
43	North Dakota	1.9	0.8
44	West Virginia	1.6	0.3
45	Iowa	1.5	0.1
46	New Hampshire	1.5	0.3
47	South Dakota	1.5	0.6
48	Idaho	1.4	0.4
49	Montana	1.3	0.5
50	Wyoming	1.2	0.7
51	Vermont	0.6	0.2

a/ Fiscal year: Oct. 1, 1986-Sept. 30, 1987
b/ Nonagricultural employment for calendar 1987

Source: U.S. Department of Defense,
U.S. Bureau of Labor Statistics

TABLE P-42

FARM MARKETINGS, 1987
(In millions)

Rank	State	Amount
1	CALIFORNIA	$15,522
2	Texas	9,086
3	Iowa	8,780
4	Nebraska	6,823
5	Illinois	6,174
6	Minnesota	5,809
7	Kansas	5,722
8	Florida	5,227
9	Wisconsin	5,017
10	Indiana	3,872
11	North Carolina	3,715
12	Missouri	3,691
13	Ohio	3,422
14	Pennsylvania	3,224
15	Colorado	3,191
16	Arkansas	3,143
17	Georgia	3,087
18	Washington	2,841
19	Oklahoma	2,752
20	South Dakota	2,723
21	New York	2,527
22	Michigan	2,504
23	Kentucky	2,417
24	North Dakota	2,308
25	Alabama	2,148
26	Idaho	2,047
27	Mississippi	1,979
28	Tennessee	1,933
29	Oregon	1,861
30	Arizona	1,781
31	Virginia	1,692
32	Louisiana	1,420
33	Montana	1,347
34	New Mexico	1,147
35	Maryland	1,128
36	South Carolina	931
37	Wyoming	642
38	Utah	596
39	New Jersey	563
40	Hawaii	559
41	Delaware	485
42	Maine	413
43	Vermont	412
44	Massachusetts	393
45	Connecticut	366
46	Nevada	243
47	West Virginia	221
48	New Hampshire	104
49	Rhode Island	75
50	Alaska	29

Source: U.S. Department of Agriculture

TABLE P-43

CROP VALUEa/, 1987 p/
(In millions)

Rank	State	Amount
1	CALIFORNIA	$8,149
2	Illinois	4,319
3	Iowa	4,290
4	Texas	3,424
5	Minnesota	3,081
6	Nebraska	2,533
7	Indiana	2,377
8	Kansas	2,263
9	Florida	2,252
10	Ohio	2,086
11	Missouri	1,924
12	North Dakota	1,684
13	Washington	1,578
14	North Carolina	1,471
15	Wisconsin	1,460
16	Arkansas	1,335
17	South Dakota	1,317
18	Michigan	1,270
19	Kentucky	1,208
20	Idaho	1,107
21	Mississippi	1,094
22	Pennsylvania	1,090
23	Georgia	1,085
24	Colorado	922
25	Arizona	865
26	Oklahoma	862
27	Tennessee	854
28	Oregon	847
29	Montana	836
30	New York	833
31	Louisiana	820
32	Virginia	592
33	Alabama	504
34	South Carolina	490
35	New Mexico	307
36	Maryland	259
37	Utah	231
38	Wyoming	190
39	New Jersey	175
40	Maine	164
41	Hawaii b/	159
42	Massachusetts	153
43	Nevada	127
44	West Virginia	94
45	Delaware	83
46	Vermont	74
47	Connecticut	70
48	New Hampshire	26
49	Rhode Island	5

a/ Excludes Alaska
b/ Incomplete data.
p/ Preliminary.

Source: U.S. Department of Agriculture

TABLE P-44

CRIME RATE, 1987

Rank	State	Rate
1	Florida	8,503
2	District of Columbia	8,452
3	Texas	7,722
4	Arizona	7,189
5	Washington	7,017
6	Oregon	6,969
7	New Mexico	6,547
8	CALIFORNIA	6,506
9	Michigan	6,457
10	Colorado	6,451
11	Nevada	6,371
12	Oklahoma	6,026
13	New York	5,952
14	Louisiana	5,873
15	Hawaii	5,818
16	Georgia	5,792
17	Utah	5,619
	UNITED STATES	5,550
18	Maryland	5,478
19	Illinois	5,417
20	Alaska	5,378
21	Rhode Island	5,285
22	New Jersey	5,261
23	South Carolina	5,162
24	Connecticut	4,996
25	Delaware	4,939
26	Kansas	4,904
27	Massachusetts	4,734
28	Missouri	4,707
29	Tennessee	4,666
30	North Carolina	4,650
31	Minnesota	4,616
32	Montana	4,599
33	Ohio	4,575
34	Alabama	4,451
35	Vermont	4,271
36	Arkansas	4,245
37	Wisconsin	4,169
38	Idaho	4,156
39	Iowa	4,140
40	Nebraska	4,132
41	Indiana	4,120
42	Wyoming	4,031
43	Virginia	3,959
44	Maine	3,532
45	Mississippi	3,439
46	New Hampshire	3,372
47	Kentucky	3,270
48	Pennsylvania	3,163
49	North Dakota	2,833
50	South Dakota	2,678
51	West Virginia	2,191

a/ Offenses known to police per 100,000 population

Source: Federal Bureau of Investigation

TABLE P-45

PER CAPITA ENERGY CONSUMPTION, 1986
(In millions btu)

Rank	State	Mill. BTU	Percent of U.S. average
1	Alaska	891	289.3
2	Louisiana	718	233.1
3	Wyoming	682	221.4
4	Texas	526	170.8
5	North Dakota	451	146.4
6	Indiana	404	131.2
7	Kansas	395	128.2
8	Montana	385	125.0
9	West Virginia	376	122.1
10	Washington	371	120.5
11	Oklahoma	365	118.5
12	Alabama	359	116.6
13	Kentucky	349	113.3
14	Tennessee	345	112.0
15	Delaware	338	109.7
16	Mississippi	336	109.1
17	Ohio	331	107.5
18	Idaho	328	106.5
19	South Carolina	320	103.9
20	Arkansas	317	102.9
21	New Mexico	317	102.9
22	Iowa	314	101.9
	UNITED STATES	308	100.0
23	Nebraska	306	99.4
24	Nevada	305	99.0
25	Georgia	300	97.4
26	Oregon	296	96.1
27	Illinois	291	94.5
28	Minnesota	289	93.8
29	Virginia	288	93.5
30	Utah	287	93.2
31	New Jersey	286	92.9
32	Michigan	283	91.9
33	Missouri	283	91.9
34	Maine	281	91.2
35	South Dakota	280	90.9
36	North Carolina	276	89.6
37	District of Columbia	275	89.3
38	Pennsylvania	275	89.3
39	Wisconsin	268	87.0
40	Colorado	266	86.4
41	Arizona	256	83.1
42	Maryland	256	83.1
43	CALIFORNIA	240	77.9
44	Florida	228	74.0
45	Connecticut	220	71.4
46	Massachusetts	219	71.1
47	Hawaii	217	70.5
48	Vermont	213	69.2
49	New Hampshire	210	68.2
50	Rhode Island	200	64.9
51	New York	191	62.0

Source: U.S. Energy Information Administration
U.S. Bureau of the Census

TABLE P-46

ELEMENTARY AND SECONDARY SCHOOLS: NUMBER AND AVERAGE SALARY OF TEACHERS, 1988 a/
(In thousands)

Rank c/	State	Number of teachers b/	Average annual salary
	UNITED STATES	2,275.0	$28.0
1	CALIFORNIA	196.5	33.1
2	Texas	187.2	25.7
3	New York	176.0	33.6
4	Pennsylvania	102.9	29.0
5	Illinois	101.7	29.7
6	Ohio	99.6	28.8
7	Florida	95.9	25.4
8	Michigan	82.4	32.9
9	New Jersey	75.5	30.8
10	Virginia	60.3	27.4
11	North Carolina	59.7	25.1
12	Georgia	59.4	26.2
13	Massachusetts	58.2	30.0
14	Indiana	53.1	27.4
15	Missouri	49.6	24.7
16	Wisconsin	47.7	29.2
17	Louisiana	43.0	20.9
18	Tennessee	42.5	23.8
19	Minnesota	41.8	29.6
20	Maryland	39.6	30.8
21	Washington	37.8	28.0
22	Alabama	36.9	23.3
23	Kentucky	35.7	24.3
24	Oklahoma	35.0	22.0
25	South Carolina	34.7	24.2
26	Connecticut	34.5	33.5
27	Arizona	31.9	27.4
28	Colorado	31.2	28.7
29	Iowa	30.0	24.9
30	Kansas	27.3	24.4
31	Mississippi	26.3	20.7
32	Arkansas	25.1	20.3
33	Oregon	24.9	27.8
34	West Virginia	22.7	21.7
35	Utah	18.1	23.9
36	Nebraska	17.7	23.2
37	New Mexico	15.0	24.4
38	Maine	13.5	23.4
39	New Hampshire	10.4	24.0
40	Idaho	10.3	22.8
41	Montana	9.7	23.8
42	Rhode Island	8.9	32.9
43	Hawaii	8.8	28.8
44	South Dakota	8.5	19.8
45	Nevada	8.3	27.6
46	North Dakota	7.7	21.7
47	Wyoming	7.4	29.4
48	Vermont	6.5	23.4
49	Alaska	6.2	40.4
50	Delaware	6.0	29.6
51	District of Columbia	5.6	36.5

a/ Public schools only b/ Full-time equivalent.
c/ Ranked by number of classroom teachers

Source: National Education Association, Estimates of School Statistics, 1987-88.
(Copyright)

TABLE P-47

TOTAL ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, 1986

Rank	State	Thous.
1	CALIFORNIA	1,732
2	New York	1,006
3	Texas	776
4	Illinois	687
5	Pennsylvania	546
6	Michigan	520
7	Ohio	520
8	Florida	477
9	Massachusetts	418
10	North Carolina	323
11	Virginia	308
12	New Jersey	295
13	Wisconsin	284
14	Indiana	250
15	Missouri	246
16	Washington	242
17	Maryland	233
18	Arizona	227
19	Minnesota	227
20	Tennessee	197
21	Georgia	195
22	Alabama	181
23	Colorado	177
24	Louisiana	171
25	Oklahoma	171
26	Connecticut	158
27	Iowa	155
28	Kentucky	145
29	Oregon	145
30	Kansas	143
31	South Carolina	134
32	Utah	106
33	Mississippi	101
34	Nebraska	100
35	New Mexico	80
36	Arkansas	79
37	District of Columb	78
38	West Virginia	77
39	Rhode Island	70
40	New Hampshire	54
41	Hawaii	52
42	Nevada	47
43	Maine	46
44	Idaho	45
45	North Dakota	37
46	Montana	35
47	Delaware	34
48	Vermont	32
49	South Dakota	31
50	Alaska	27
51	Wyoming	24

Source: U.S. National Center for Education Statistics

TABLE P-48

AVERAGE EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE (ADA), 1988 a/b/

Rank	State	Amount
1	Alaska	$7,038
2	New Jersey	6,910
3	Wyoming	6,885
4	New York	6,864
5	Connecticut	6,141
6	Rhode Island	5,456
7	Massachusetts	5,396
8	Pennsylvania	5,063
9	Delaware	4,994
10	Wisconsin	4,991
11	Vermont	4,949
12	Maryland	4,871
13	Oregon	4,574
14	Minnesota	4,513
15	Florida	4,389
16	Colorado	4,359
17	Maine	4,276
18	Kansas	4,262
19	Illinois	4,217
	UNITED STATES	4,209
20	Virginia	4,145
21	Michigan	4,122
22	Washington	4,083
23	Montana	4,061
24	Ohio	4,019
25	CALIFORNIA	3,994
26	New Hampshire	3,990
27	North Carolina	3,911
28	West Virginia	3,895
29	Hawaii	3,894
30	New Mexico	3,880
31	Iowa	3,846
32	Nevada	3,829
33	Nebraska	3,641
34	Indiana	3,616
35	Missouri	3,566
36	Texas	3,462
37	Kentucky	3,355
38	North Dakota	3,353
39	Arizona	3,265
40	Louisiana	3,211
41	Tennessee	3,189
42	South Dakota	3,159
43	South Carolina	3,075
44	Oklahoma	3,051
45	Georgia	2,939
46	Idaho	2,814
47	Mississippi	2,760
48	Alabama	2,752
49	Utah	2,658
50	Arkansas	2,410

a/ Average daily attendance
b/ Estimated

Source: National Education Association Washington, DC.

APPENDIX

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For the convenience of the reader who requires additional and more specialized information, this section contains the addresses of contributors to the 1989 California Statistical Abstract.

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APPENDIX (Continued)

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